

Converting Colors

XYZ(80.8944, 85.2734, 94.6321)

Have a look what the booklet for
XYZ(80.8944, 85.2734, 94.6321)
contains.

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Color

**XYZ(80.8948, 85.2732,
94.6338)**

Conversions

Conversions Part 1

Format	Color
Hex	ECEEF0
RGB	236, 238, 240
RGB Percent	93%, 93%, 94%
CMY	0.0745, 0.0666, 0.0588
CMYK	0.02, 0.01, 0.00, 0.06
HSL	210°, 12%, 93%
HSV	210°, 2%, 94%
XYZ	80.8948, 85.2732, 94.6338
YIQ	237.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

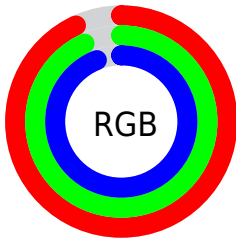
Format	Color
R _Y B	236, 237, 240
Decimal	15527664
CIE Lab	94.00, -0.30, -1.21
CIE LCh	94, 1.245, 255.962
Yxy	85.2732, 0.3102, 0.3270
Android (android.graphics.Color)	4293717744 (0xFFECEEF0)
YUV	237.6300, 1.1684, -1.4295
Hunter-Lab	92.3435, -5.2314, 3.8799

Details

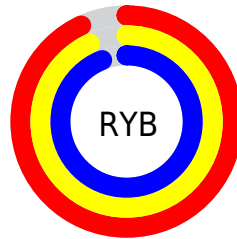
The XYZ color **80.8948, 85.2732, 94.6338** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.6502, 85.7296, 91.6022**, and the grayscale version is **80.9764, 85.1934, 92.7757**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2021, 46.6199, 52.0162** is the 20% darker color. If you saturate the color by 10%, you get **70.0845, 74.6971, 93.1635**, and if you desaturate by 10%, it is **91.1485, 95.9116, 96.1481**.

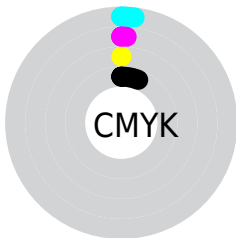
Distribution



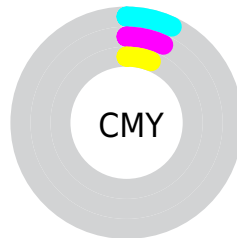
- Red (93%)
- Green (93%)
- Blue (94%)



- Red (93%)
- Yellow (93%)
- Blue (94%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (7%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.8948, 85.2732, 94.6338 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 80.8948, 85.2732, 94.6338 by changing the saturation by 10% instead.

80.8948, 85.2732,
94.6338

80.8948, 85.2732,
94.6338

486.6340,
512.5316, 563.9463

60.7660, 64.0671,
71.2350

133.5670,
140.7548, 155.7498

44.2881, 46.7051,
52.0510

166.8410,
175.7992, 194.3041

31.0960, 32.8026,
36.6632

205.2275,
216.2251, 238.7474

20.8241, 21.9752,
24.6531

249.0918,
262.4169, 289.4981

13.1072, 13.8387,
15.6021

298.7992,
314.7591, 346.9748

7.5799, 8.0086,
9.0918

354.7152,

3.8769, 4.1004,

373.6360, 411.5960

4.7034

417.2050,
439.4321, 483.7804

■ 1.6327, 1.7299,
2.0187

■ 0.4136, 0.4429,
0.5667

■ 80.8948, 85.2732,
94.6338

■ 80.8948, 85.2732,
94.6338

■ 70.0845, 74.6971,
93.1635

■ 91.1485, 95.9116,
96.1481

■ 60.5276, 65.1025,
91.8152

■ 92.7284, 99.0714,
96.6747

■ 52.1768, 56.4605,
90.5873

■ 44.9787, 48.7366,
89.4758

■ 38.8757, 41.8938,
88.4767

■ 33.8048, 35.8920,
87.5855

■ 29.6958, 30.6872,
86.7974

■ 26.4687, 26.2300,
86.1072

■ 24.0282, 22.4627,
85.5086

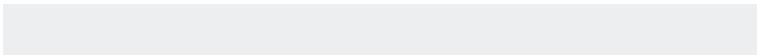
Harmonies

Analogous

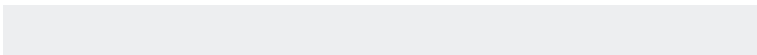
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6065, 85.2732, 94.1691



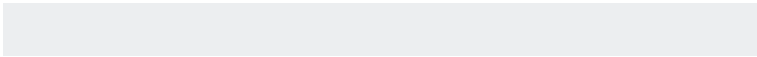
80.8948, 85.2732, 94.6338



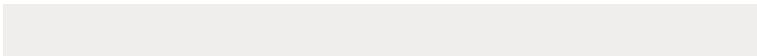
81.2254, 85.2732, 94.6177

Triad

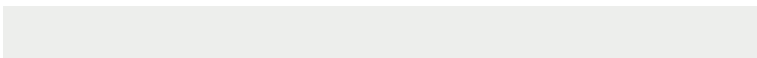
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8948, 85.2732, 94.6338



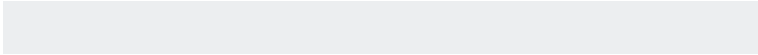
81.6652, 85.2732, 92.3459



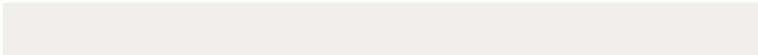
80.5914, 85.2732, 91.5824

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



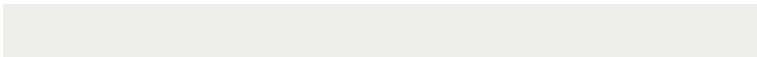
80.8948, 85.2732, 94.6338



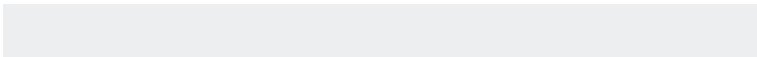
81.6502, 85.7296, 91.6022

Split Complementary

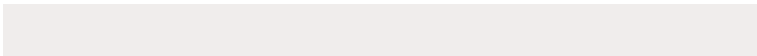
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.8741, 85.2732, 91.1005



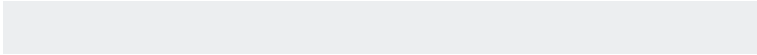
80.8948, 85.2732, 94.6338



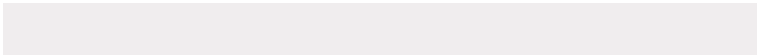
81.4944, 85.2732, 91.5393

Square

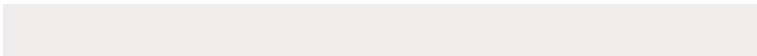
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



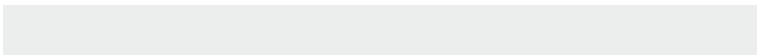
80.8948, 85.2732, 94.6338



81.6708, 85.2732, 93.2924



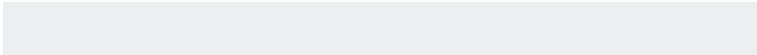
81.2046, 85.2732, 91.0848



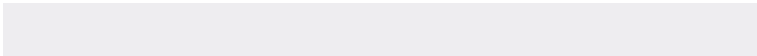
80.4316, 85.2732, 92.4051

Rectangle

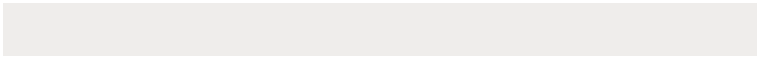
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



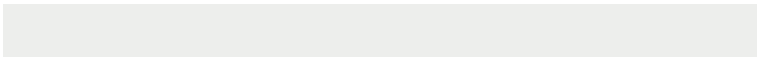
80.8948, 85.2732, 94.6338



81.4253, 85.2732, 94.3364



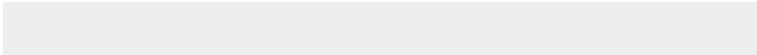
81.2046, 85.2732, 91.0848



80.6751, 85.2732, 91.3754

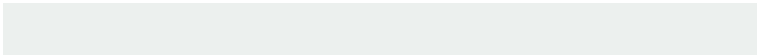
Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80.8972, 85.2769, 94.6357

95.0500, 100.0000, 108.9000



81.1763, 86.3235, 93.2225



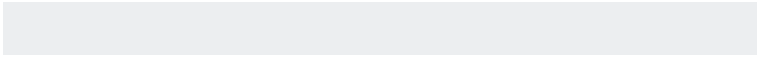
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

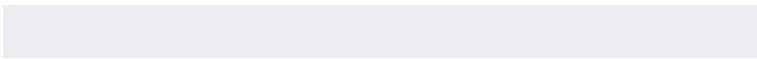
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8972, 85.2769, 94.6357



92.3920, 97.4324, 108.5445



80.3362, 84.1548, 94.4487



17.3339, 18.2772, 20.3359



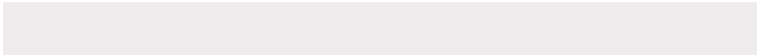
12.4352, 11.0946, 46.6139



1.1340, 1.1220, 3.9110

Inverse Universe

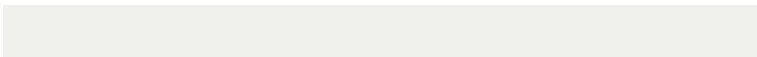
The Inverse Universe completely reimagines the original color for something new.



81.3651, 84.6908, 92.9518



93.0374, 96.6262, 106.2211



82.2172, 86.8637, 91.7913



17.4482, 18.1344, 19.9246



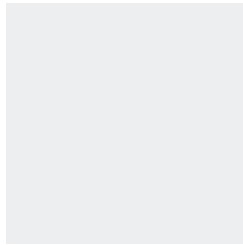
21.6023, 10.9134, 11.0883



1.8473, 0.9280, 1.1869

Previews

White Background



This preview shows how the XYZ color 80.8948, 85.2732, 94.6338 looks on a white background.

Color Contrast Check

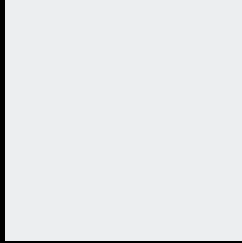
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 80.8948, 85.2732, 94.6338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

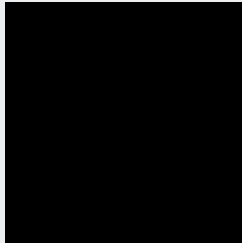
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

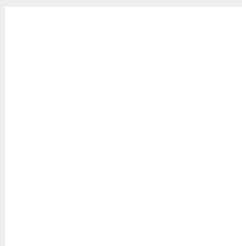
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8948, 85.2732, 94.6338

Background



This preview shows how black text looks on a background with the XYZ color 80.8948, 85.2732, 94.6338.



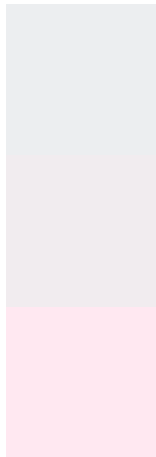
This preview shows how white text looks on a background with the XYZ color 80.8948, 85.2732,

94.6338.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80.8948, 85.2732, 94.6338

Protanopia

81.8511, 84.9237, 93.7392

Deuteranopia

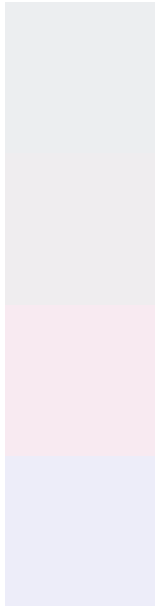
85.9738, 85.3241, 95.1570



Tritanopia

83.1447, 85.3238, 105.8529

Trichromacy



Original Color

80.8948, 85.2732, 94.6338

Protanomaly

81.4608, 85.1511, 93.8037

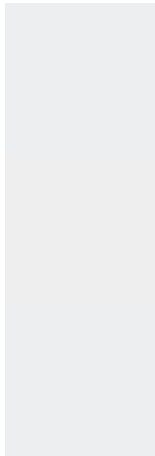
Deuteranomaly

84.0114, 85.1530, 95.2274

Tritanomaly

82.3081, 85.4125, 101.7707

Monochromacy



Original Color

80.8948, 85.2732, 94.6338

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.0796, 85.3856, 93.8691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8948, 85.2732, 94.6338 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(236, 238, 240) looks like.

```
.text, #text, p{  
    color:rgb(236, 238, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(236, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 238, 240) }
```

Border

The CSS property to change the border of an element to XYZ 80.8948, 85.2732, 94.6338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 238, 240) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(236, 238, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(236, 238, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(236, 238,  
240) }
```


Background

The CSS property to change the background color of an element to XYZ 80.8948, 85.2732, 94.6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 238, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(236,  
238, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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