

Converting Colors

XYZ(80.9601, 84.7323, 94.4206)

Have a look what the booklet for
XYZ(80.9601, 84.7323, 94.4206)
contains.

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Color

**XYZ(80.9374, 84.8642,
94.5526)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEDF0
RGB	237, 237, 240
RGB Percent	93%, 93%, 94%
CMY	0.0706, 0.0706, 0.0588
CMYK	0.01, 0.01, 0.00, 0.06
HSL	240°, 9%, 94%
HSV	240°, 1%, 94%
XYZ	80.9374, 84.8642, 94.5526
YIQ	237.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

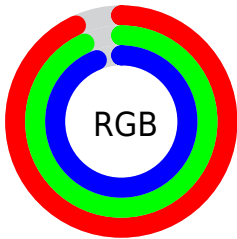
Format	Color
R _Y B	237, 237, 240
Decimal	15592944
CIE Lab	93.82, 0.54, -1.46
CIE LCh	94, 1.554, 290.344
Yxy	84.8642, 0.3109, 0.3260
Android (android.graphics.Color)	4293783024 (0xFFEDEDf0)
YUV	237.3420, 1.3104, -0.2999
Hunter-Lab	92.1218, -4.3845, 3.6307

Details

The XYZ color **80.9374, 84.8642, 94.5526** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.3813, 86.9587, 92.5647**, and the grayscale version is **80.7526, 84.9580, 92.5193**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2317, 46.3322, 51.9591** is the 20% darker color. If you saturate the color by 10%, you get **66.9735, 68.0458, 92.0436**, and if you desaturate by 10%, it is **92.7284, 99.0714, 96.6747**.

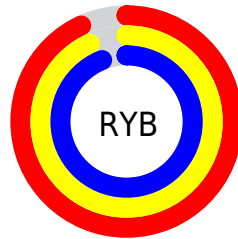
Distribution



Red (93%)

Green (93%)

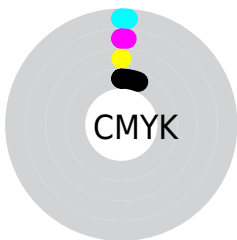
Blue (94%)



Red (93%)

Yellow (93%)

Blue (94%)

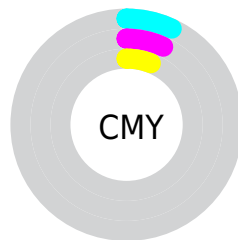


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (7%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.9374, 84.8642, 94.5526 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 80.9374, 84.8642, 94.5526 by changing the saturation by 10% instead.

80.9374, 84.8642,
94.5526

80.9374, 84.8642,
94.5526

486.7749,
511.1786, 563.6794

60.8012, 63.7292,
71.1678

133.6265,
140.1834, 155.6366

44.3166, 46.4314,
51.9965

166.9100,
175.1364, 194.1729

31.1185, 32.5864,
36.6201

205.3067,
215.4642, 238.5969

20.8414, 21.8098,
24.6200

249.1819,
261.5512, 289.3269

13.1199, 13.7172,
15.5777

298.9010,
313.7817, 346.7817

7.5887, 7.9242,
9.0747

354.8293,

3.8825, 4.0465,

372.5402, 411.3796

4.6925

417.3321,
438.2110, 483.5394

■ 1.6359, 1.6996,
2.0124

■ 0.4156, 0.4234,
0.5629

■ 80.9374, 84.8642,
94.5526

■ 80.9374, 84.8642,
94.5526

■ 66.9735, 68.0458,
92.0436

■ 92.7284, 99.0714,
96.6747

■ 54.9281, 53.5367,
89.8779

■ 44.7199, 41.2392,
88.0423

■ 36.2585, 31.0449,
86.5206

■ 29.4460, 22.8361,
85.2951

■ 24.1751, 16.4834,
84.3468

■ 20.3255, 11.8423,
83.6538

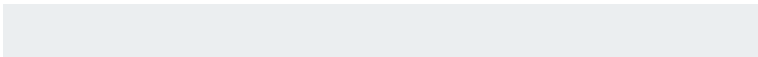
■ 17.7594, 8.7469,
83.1916

■ 16.3115, 6.9984,
82.9304

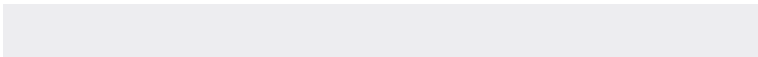
Harmonies

Analogous

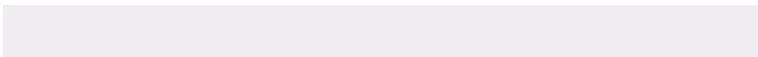
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5277, 84.8642, 94.6640



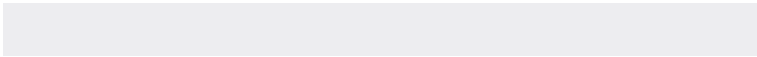
80.9374, 84.8642, 94.5526



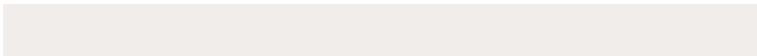
81.2741, 84.8642, 93.8624

Triad

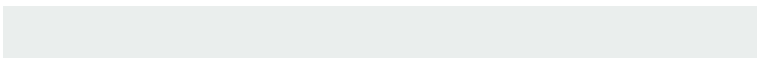
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9374, 84.8642, 94.5526



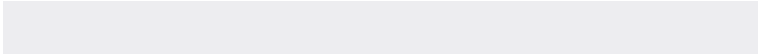
81.1690, 84.8642, 90.6619



79.8802, 84.8642, 92.0215

Complementary

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



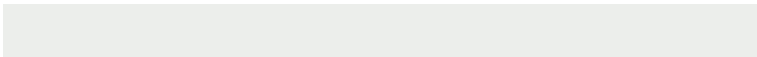
80.9374, 84.8642, 94.5526



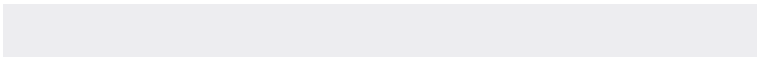
82.3813, 86.9587, 92.5647

Split Complementary

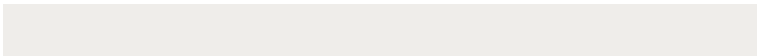
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.0507, 84.8642, 90.9582



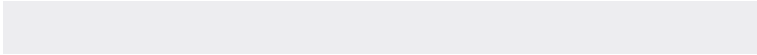
80.9374, 84.8642, 94.5526



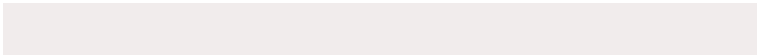
80.7942, 84.8642, 90.1776

Square

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



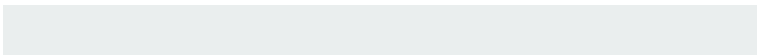
80.9374, 84.8642, 94.5526



81.4081, 84.8642, 91.6139



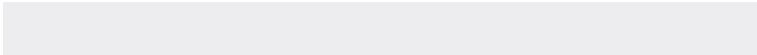
80.3850, 84.8642, 90.2856



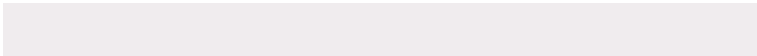
79.9182, 84.8642, 93.1960

Rectangle

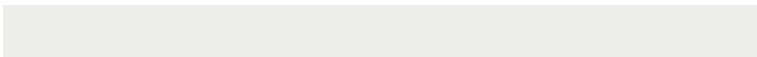
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



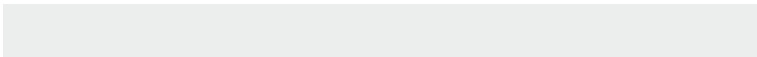
80.9374, 84.8642, 94.5526



81.4114, 84.8642, 93.1702



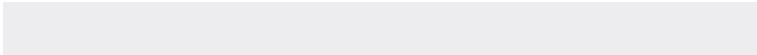
80.3850, 84.8642, 90.2856



79.9150, 84.8642, 91.6394

Sweetspot

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



80.9398, 84.8678, 94.5545

95.0500, 100.0000, 108.9000



81.8071, 86.6143, 94.8069



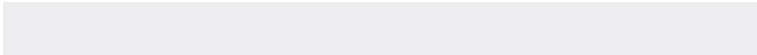
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

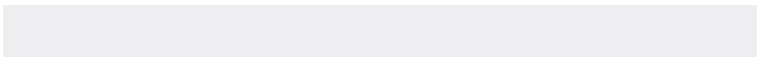
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9398, 84.8678, 94.5545



91.5953, 95.8390, 108.2789



81.4247, 85.1160, 94.5768



17.1928, 17.9950, 20.2888



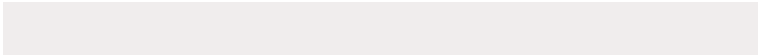
8.6126, 3.4495, 45.3398



0.7171, 0.2882, 3.7720

Inverse Universe

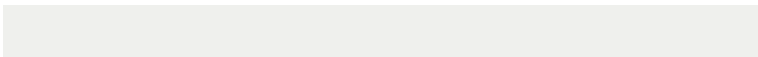
The Inverse Universe completely reimagines the original color for something new.



81.5072, 85.2096, 92.2763



92.6353, 96.4654, 104.1034



81.8922, 86.7084, 92.5421



17.3769, 18.1059, 19.5496



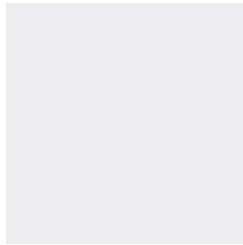
19.6729, 10.1416, 0.9280



1.6369, 0.8438, 0.0788

Previews

White Background



This preview shows how the XYZ color 80.9374, 84.8642, 94.5526 looks on a white background.

Color Contrast Check

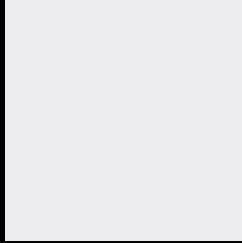
Large Text (above 18pt) WCAG AA × Fail

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 80.9374, 84.8642, 94.5526 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

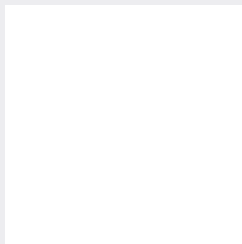
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.9374, 84.8642, 94.5526

Background



This preview shows how black text looks on a background with the XYZ color 80.9374, 84.8642, 94.5526.



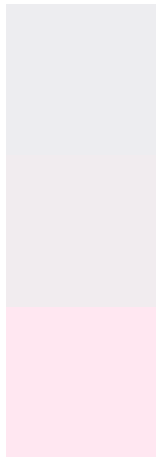
This preview shows how white text looks on a background with the XYZ color 80.9374, 84.8642,

94.5526.

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

80.9374, 84.8642, 94.5526

Protanopia

81.8511, 84.9237, 93.7392

Deuteranopia

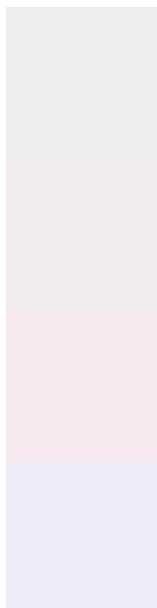
85.6931, 84.7627, 95.0634



Tritanopia

83.0346, 84.8592, 104.9316

Trichromacy



Original Color

80.9374, 84.8642, 94.5526

Protanomaly

81.5106, 84.7482, 93.7233

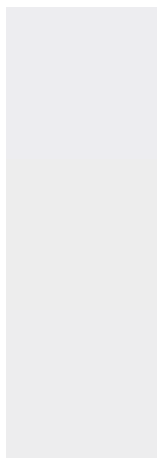
Deuteranomaly

83.7275, 84.5852, 95.1327

Tritanomaly

82.1986, 84.9454, 100.8707

Monochromacy



Original Color

80.9374, 84.8642, 94.5526

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.6419, 84.7459, 92.9962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9374, 84.8642, 94.5526 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(237, 237, 240)` looks like.

```
.text, #text, p{  
    color:rgb(237, 237, 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(237, 237, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 237, 240) }
```

Border

The CSS property to change the border of an element to XYZ 80.9374, 84.8642, 94.5526 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(237, 237, 240) }
```

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

```
.border{ border-color:rgb(237, 237, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 237, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 237, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 237, 240);  
box-shadow:4px 4px 4px 4px rgb(237, 237,  
240) }
```


Background

The CSS property to change the background color of an element to XYZ 80.9374, 84.8642, 94.5526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 237, 240) }
```

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

```
.background{ background-color: rgb(237,  
237, 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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