

Converting Colors

XYZ(80.6068, 85.7360, 92.8677)

Have a look what the booklet for
XYZ(80.6068, 85.7360, 92.8677)
contains.

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Color

**XYZ(80.5601, 85.5682,
93.1593)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEFEE
RGB	235, 239, 238
RGB Percent	92%, 94%, 93%
CMY	0.0784, 0.0627, 0.0667
CMYK	0.02, 0.00, 0.00, 0.06
HSL	165°, 11%, 93%
HSV	165°, 2%, 94%
XYZ	80.5601, 85.5682, 93.1593
YIQ	237.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

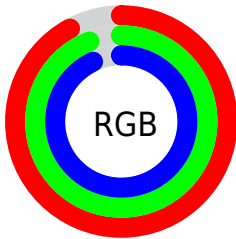
Format	Color
R _Y B	235, 237, 239
Decimal	15462382
CIE Lab	94.13, -1.50, 0.01
CIE LCh	94, 1.503, 179.743
Yxy	85.5682, 0.3107, 0.3300
Android (android.graphics.Color)	4293652462 (0xFFEBEFEE)
YUV	237.6900, 0.1528, -2.3591
Hunter-Lab	92.5031, -6.4263, 5.0416

Details

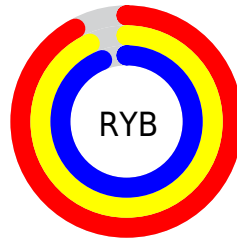
The XYZ color **80.5601, 85.5682, 93.1593** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.4484, 83.8258, 91.3010**, and the grayscale version is **81.0304, 85.2503, 92.8376**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9674, 46.8281, 50.9774** is the 20% darker color. If you saturate the color by 10%, you get **72.3279, 81.4268, 88.2558**, and if you desaturate by 10%, it is **88.4363, 89.5275, 98.2026**.

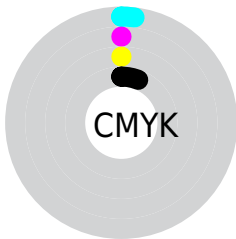
Distribution



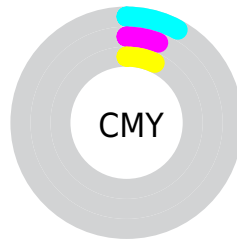
- Red (92%)
- Green (94%)
- Blue (93%)



- Red (92%)
- Yellow (93%)
- Blue (94%)



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



- Cyan (8%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.5601, 85.5682, 93.1593 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 80.5601, 85.5682, 93.1593 by changing the saturation by 10% instead.

80.5601, 85.5682,
93.1593

80.5601, 85.5682,
93.1593

485.5262,
513.5063, 559.0883

60.4894, 64.3110,
70.0155

133.0993,
141.1668, 153.6928

44.0642, 46.9026,
51.0623

166.2985,
176.2769, 191.9195

30.9191, 32.9587,
35.8811

204.6047,
216.7734, 236.0110

20.6888, 22.0948,
24.0534

248.3831,
263.0408, 286.3857

13.0079, 13.9266,
15.1607

297.9991,
315.4634, 343.4623

7.5110, 8.0696,
8.7844

353.8180,

3.8328, 4.1395,

374.4256, 407.6592

4.5059

416.2053,
440.3118, 479.3951

■ 1.6080, 1.7519,
1.9068

■ 0.3976, 0.4569,
0.4970

■ 80.5601, 85.5682,
93.1593

■ 80.5601, 85.5682,
93.1593

■ 72.3279, 81.4268,
88.2558

■ 88.4363, 89.5275,
98.2026

■ 65.1406, 77.8183,
83.5510

■ 89.3613, 89.8975,
103.0733

■ 58.9555, 74.7231,
79.0431

■ 90.1581, 90.2162,
107.2694

■ 53.7242, 72.1164,
74.7284

■ 49.3943, 69.9711,
70.6029

■ 45.9081, 68.2575,
66.6623

■ 43.2012, 66.9424,
62.9021

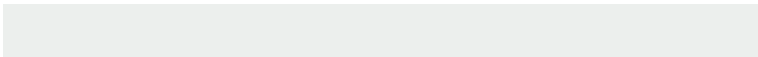
■ 41.1993, 65.9877,
59.3170

■ 39.8137, 65.3476,
55.9015

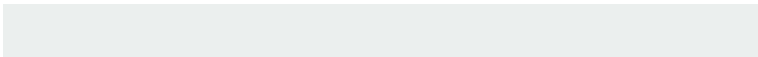
Harmonies

Analogous

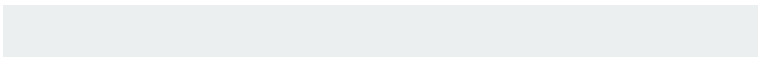
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6647, 85.5682, 92.0591



80.5601, 85.5682, 93.1593



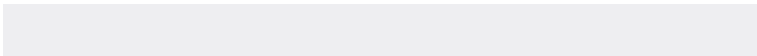
80.6612, 85.5682, 94.2709

Triad

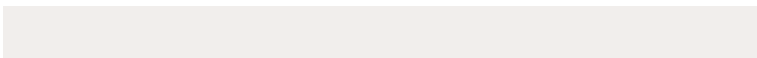
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.5601, 85.5682, 93.1593



81.7138, 85.5682, 95.1030



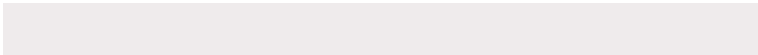
81.7198, 85.5682, 91.2716

Complementary

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



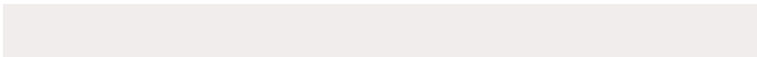
80.5601, 85.5682, 93.1593



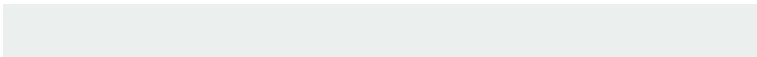
80.4484, 83.8258, 91.3010

Split Complementary

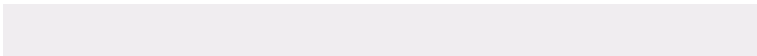
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0025, 85.5682, 92.0761



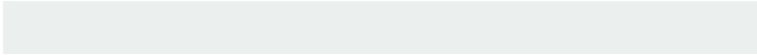
80.5601, 85.5682, 93.1593



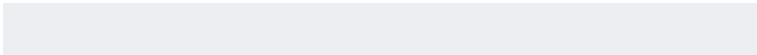
81.9990, 85.5682, 94.2882

Square

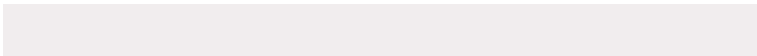
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



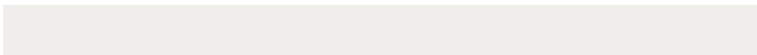
80.5601, 85.5682, 93.1593



81.3265, 85.5682, 95.3987



82.1048, 85.5682, 93.1791



81.3335, 85.5682, 90.9747

Rectangle

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



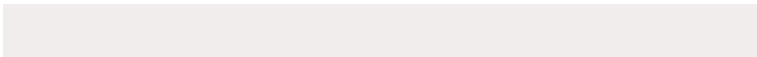
80.5601, 85.5682, 93.1593



80.8319, 85.5682, 94.8675



82.1048, 85.5682, 93.1791



81.8301, 85.5682, 91.4913

Sweetspot

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



80.5625, 85.5719, 93.1612



94.0153, 99.4785, 108.3152



80.4789, 85.5793, 90.8754



20.1340, 21.2980, 23.1901



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



80.5625, 85.5719, 93.1612



92.9933, 98.9634, 107.7327



80.4376, 85.0854, 93.8493



17.4403, 18.5482, 20.1922



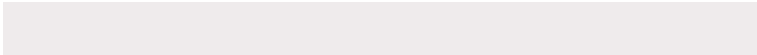
21.6138, 35.9375, 29.6787



1.8376, 3.0055, 2.6770

Inverse Universe

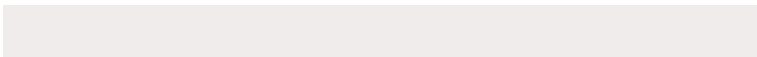
The Inverse Universe completely reimagines the original color for something new.



80.4484, 83.8258, 91.3010



92.8353, 96.5454, 105.1567



80.5711, 84.3040, 90.6243



17.4124, 18.1200, 19.7361



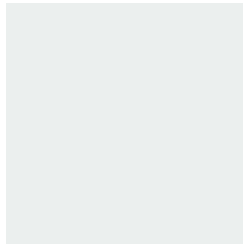
20.1652, 10.3385, 3.5208



1.7162, 0.8755, 0.4963

Previews

White Background



This preview shows how the XYZ color 80.5601, 85.5682, 93.1593 looks on a white background.

Color Contrast Check

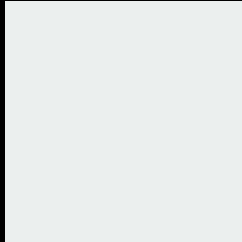
Large Text (above 18pt) WCAG AA × Fail

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 80.5601, 85.5682, 93.1593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

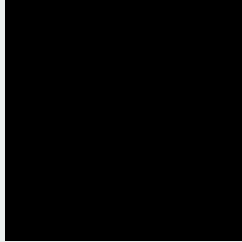
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

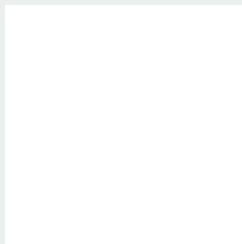
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.5601, 85.5682, 93.1593

Background



This preview shows how black text looks on a background with the XYZ color 80.5601, 85.5682, 93.1593.



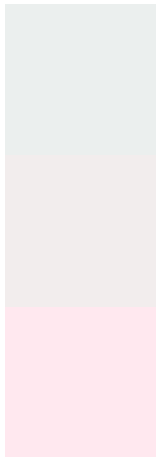
This preview shows how white text looks on a background with the XYZ color 80.5601, 85.5682,

93.1593.

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

80.5601, 85.5682, 93.1593

Protanopia

82.1882, 85.5600, 92.3037

Deuteranopia

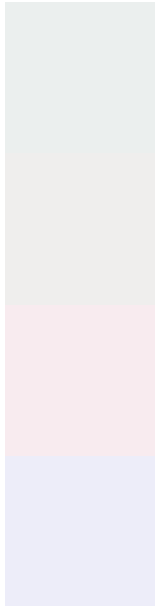
85.6766, 85.2052, 93.5920



Tritanopia

83.3053, 85.3880, 106.6986

Trichromacy



Original Color

80.5601, 85.5682, 93.1593

Protanomaly

81.4572, 85.6142, 92.3527

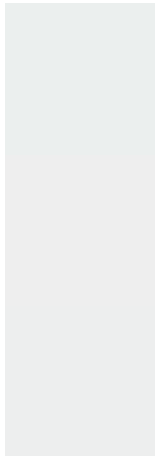
Deuteranomaly

83.9997, 85.6051, 93.7575

Tritanomaly

82.3081, 85.4125, 101.7707

Monochromacy



Original Color

80.5601, 85.5682, 93.1593

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.9322, 85.3266, 93.0930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5601, 85.5682, 93.1593 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(235, 239, 238)` looks like.

```
.text, #text, p{  
    color:rgb(235, 239, 238)  
}
```

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(235, 239, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 239, 238) }
```

Border

The CSS property to change the border of an element to XYZ 80.5601, 85.5682, 93.1593 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(235, 239, 238) }
```


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

```
.border{ border-color:rgb(235, 239, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 239, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 239, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 239, 238);  
box-shadow:4px 4px 4px 4px rgb(235, 239,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5601, 85.5682, 93.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 239, 238) }
```

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

```
.background{ background-color: rgb(235,  
239, 238) }
```

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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