

Converting Colors

XYZ(80.5754, 87.7523, 96.3127)

Have a look what the booklet for
XYZ(80.5754, 87.7523, 96.3127)
contains.

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Color

**XYZ(80.6908, 87.7702,
96.6929)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F4F2
RGB	229, 244, 242
RGB Percent	90%, 96%, 95%
CMY	0.1020, 0.0431, 0.0510
CMYK	0.06, 0.00, 0.01, 0.04
HSL	172°, 41%, 93%
HSV	172°, 6%, 96%
XYZ	80.6908, 87.7702, 96.6929
YIQ	239.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

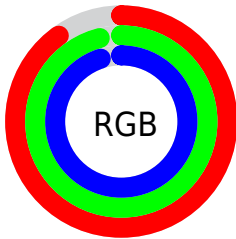
Format	Color
R_{YB}	229, 237, 244
Decimal	15070450
CIE _{Lab}	95.06, -5.28, -0.75
CIE _{LCh}	95, 5.337, 188.069
Yxy	87.7702, 0.3043, 0.3310
Android (android.graphics.Color)	4293260530 (0xFFE5F4F2)
YUV	239.2870, 1.3375, -9.0217
Hunter-Lab	93.6858, -10.2094, 4.3869

Details

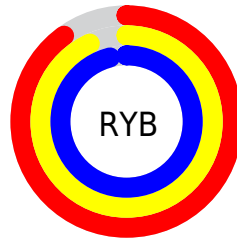
The XYZ color **80.6908, 87.7702, 96.6929** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.7546, 81.0435, 87.0449**, and the grayscale version is **82.2643, 86.5484, 94.2512**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3017, 48.5103, 53.4828** is the 20% darker color. If you saturate the color by 10%, you get **72.9613, 83.8440, 93.8004**, and if you desaturate by 10%, it is **89.5283, 92.2714, 99.6864**.

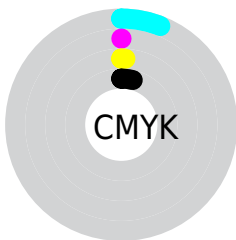
Distribution



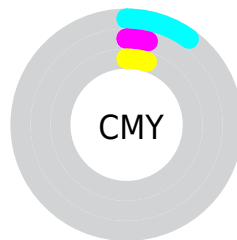
- Red (90%)
- Green (96%)
- Blue (95%)



- Red (90%)
- Yellow (93%)
- Blue (96%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.6908, 87.7702, 96.6929 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 80.6908, 87.7702, 96.6929 by changing the saturation by 10% instead.

80.6908, 87.7702,
96.6929

80.6908, 87.7702,
96.6929

485.9590,
520.7504, 570.6927

60.5974, 66.1328,
72.9401

133.2820,
144.2372, 158.6170

44.1516, 48.3802,
53.4355

166.5104,
179.8355, 197.6254

30.9882, 34.1281,
37.7604

204.8479,
220.8563, 242.5561

20.7416, 22.9920,
25.4964

248.6599,
267.6839, 293.8276

13.0466, 14.5876,
16.2249

298.3116,
320.7027, 351.8585

7.5379, 8.5305,
9.5274

354.1685,

3.8500, 4.4362,

380.2971, 417.0673

4.9853

416.5958,
446.8516, 489.8725

■ 1.6176, 1.9204,
2.1800

■ 0.4039, 0.5606,
0.6628

■ 80.6908, 87.7702,
96.6929

■ 80.6908, 87.7702,
96.6929

■ 72.9613, 83.8440,
93.8004

■ 89.5283, 92.2714,
99.6864

■ 66.2870, 80.4583,
91.0008

■ 90.6163, 92.7743,
102.3612

■ 60.6215, 77.5917,
88.2935

■ 91.1279, 92.9789,
105.0550

■ 55.9126, 75.2172,
85.6757

■ 91.6424, 93.1847,
107.7641

■ 52.1030, 73.3054,
83.1447

■ 49.1294, 71.8235,
80.6971

■ 46.9200, 70.7347,
78.3294

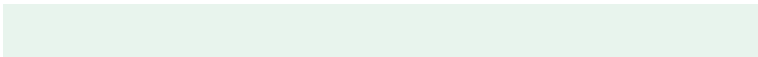
■ 45.3912, 69.9957,
76.0374

■ 44.4387, 69.5528,
73.8160

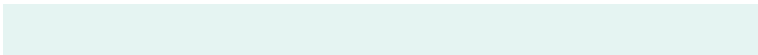
Harmonies

Analogous

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



80.8614, 87.7702, 92.6134



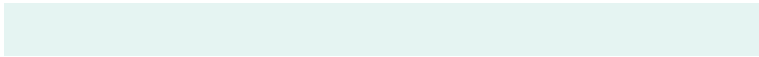
80.6908, 87.7702, 96.6929



81.2456, 87.7702, 100.5792

Triad

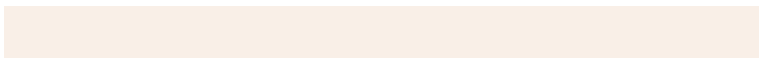
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.6908, 87.7702, 96.6929



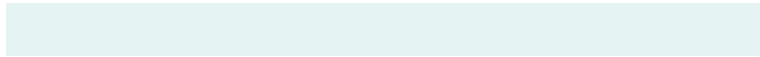
85.1552, 87.7702, 101.9967



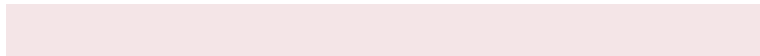
84.4694, 87.7702, 88.3443

Complementary

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



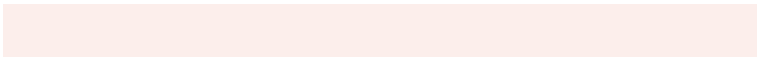
80.6908, 87.7702, 96.6929



79.7546, 81.0435, 87.0449

Split Complementary

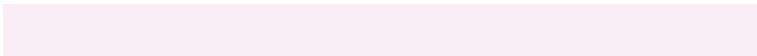
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6389, 87.7702, 90.7238



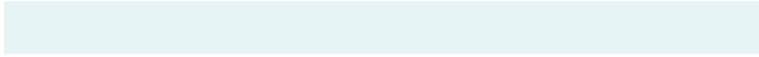
80.6908, 87.7702, 96.6929



86.0380, 87.7702, 98.5824

Square

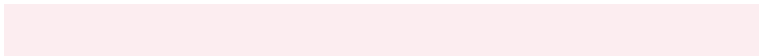
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.6908, 87.7702, 96.6929



83.8152, 87.7702, 103.6988



86.2161, 87.7702, 94.4495



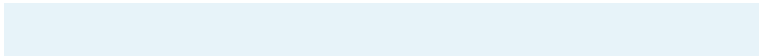
83.0319, 87.7702, 87.8715

Rectangle

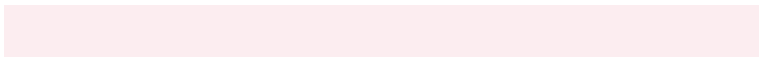
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



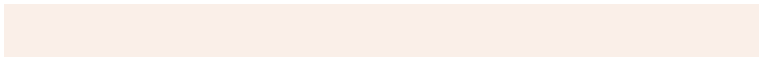
80.6908, 87.7702, 96.6929



81.9559, 87.7702, 102.5102



86.2161, 87.7702, 94.4495



84.9073, 87.7702, 88.9443

Sweetspot

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



80.6933, 87.7739, 96.6948



93.0890, 99.0017, 108.2368



79.5320, 87.3929, 86.8068



19.9454, 21.2009, 23.1741



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

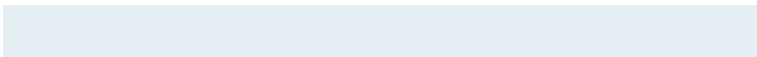
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6933, 87.7739, 96.6948



88.4037, 96.6178, 106.5979



79.4382, 84.7795, 97.7696



17.2253, 18.8850, 20.8561



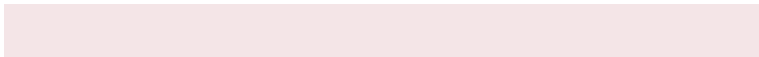
24.0491, 37.7645, 39.8737



2.1395, 3.3295, 3.6407

Inverse Universe

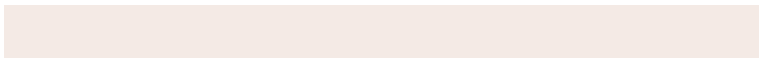
The Inverse Universe completely reimagines the original color for something new.



79.7546, 81.0435, 87.0449



87.2266, 88.1789, 94.4984



80.9482, 83.8812, 86.0543



16.9768, 17.1028, 18.3009



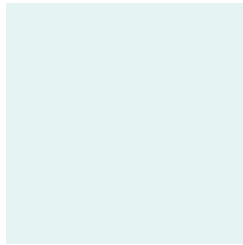
20.4601, 10.5275, 1.8655



1.8259, 0.9363, 0.3094

Previews

White Background



This preview shows how the XYZ color 80.6908, 87.7702, 96.6929 looks on a white background.

Color Contrast Check

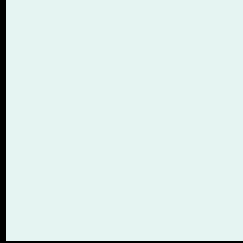
Large Text (above 18pt) WCAG AA × Fail

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 80.6908, 87.7702, 96.6929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

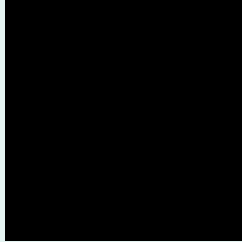
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

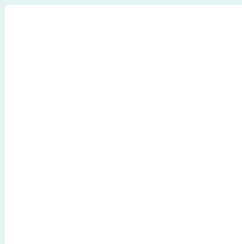
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.6908, 87.7702, 96.6929

Background



This preview shows how black text looks on a background with the XYZ color 80.6908, 87.7702, 96.6929.



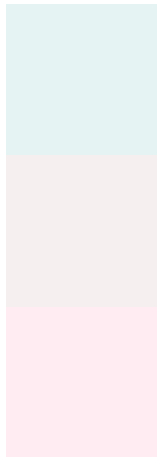
This preview shows how white text looks on a background with the XYZ color 80.6908, 87.7702,

96.6929.

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

80.6908, 87.7702, 96.6929

Protanopia

84.1027, 87.3775, 94.0942

Deuteranopia

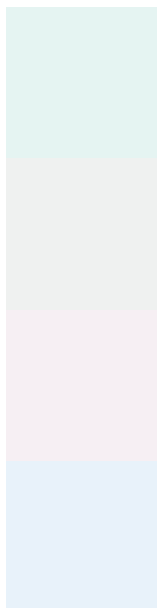
87.4131, 87.7220, 97.1189



Tritanopia

83.4370, 87.6230, 107.1231

Trichromacy



Original Color

80.6908, 87.7702, 96.6929

Protanomaly

82.7801, 87.5526, 94.9744

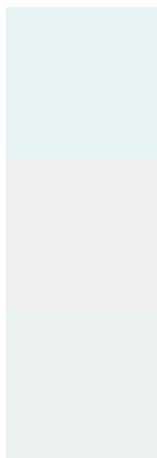
Deuteranomaly

85.0502, 87.7969, 97.2579

Tritanomaly

82.2862, 87.5622, 103.0067

Monochromacy



Original Color

80.6908, 87.7702, 96.6929

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.4444, 86.8640, 94.9119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6908, 87.7702, 96.6929 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(229, 244, 242) looks like.

```
.text, #text, p{  
    color:rgb(229, 244, 242)  
}
```

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(229, 244, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 244, 242) }
```

Border

The CSS property to change the border of an element to XYZ 80.6908, 87.7702, 96.6929 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(229, 244, 242) }
```


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

```
.border{ border-color:rgb(229, 244, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 244, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 244, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 244, 242);  
box-shadow:4px 4px 4px 4px rgb(229, 244,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6908, 87.7702, 96.6929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 244, 242) }
```

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

```
.background{ background-color: rgb(229,  
244, 242) }
```

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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