

Converting Colors

XYZ(80.0591, 87.9270, 95.1901)

Have a look what the booklet for
XYZ(80.0591, 87.9270, 95.1901)
contains.

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Color

**XYZ(80.0591, 87.9270,
95.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F5F0
RGB	227, 245, 240
RGB Percent	89%, 96%, 94%
CMY	0.1098, 0.0392, 0.0588
CMYK	0.07, 0.00, 0.02, 0.04
HSL	163°, 47%, 93%
HSV	163°, 7%, 96%
XYZ	80.0591, 87.9270, 95.1901
YIQ	239.0480, -9.1230, -5.3710

Conversions

Conversions Part 2

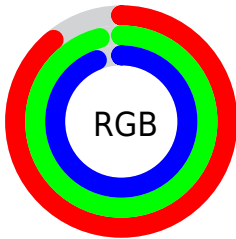
Format	Color
R _Y B	227, 237, 245
Decimal	14939632
CIE Lab	95.13, -6.81, 0.37
CIE LCh	95, 6.818, 176.923
Yxy	87.9270, 0.3042, 0.3341
Android (android.graphics.Color)	4293129712 (0xFFE3F5F0)
YUV	239.0480, 0.4693, -10.5661
Hunter-Lab	93.7694, -11.6955, 5.4503

Details

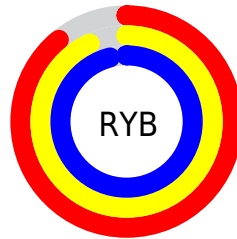
The XYZ color **80.0591, 87.9270, 95.1901** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.6939, 80.1790, 87.6238**, and the grayscale version is **82.0851, 86.3599, 94.0459**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8626, 48.6265, 52.4215** is the 20% darker color. If you saturate the color by 10%, you get **71.8825, 83.8290, 89.6268**, and if you desaturate by 10%, it is **89.3783, 92.6146, 101.0087**.

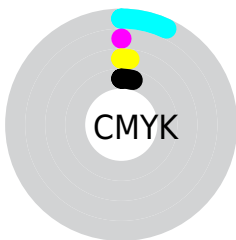
Distribution



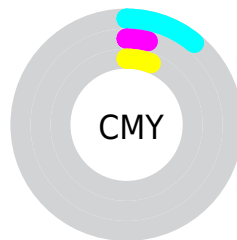
- Red (89%)
- Green (96%)
- Blue (94%)



- Red (89%)
- Yellow (93%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0591, 87.9270, 95.1901 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 80.0591, 87.9270, 95.1901 by changing the saturation by 10% instead.

80.0591, 87.9270,
95.1901

80.0591, 87.9270,
95.1901

483.8655,
521.2641, 565.7733

60.0756, 66.2626,
71.6954

132.3989,
144.4555, 156.5250

43.7293, 48.4856,
52.4246

165.4859,
180.0884, 195.2024

30.6547, 34.2116,
36.9591

203.6716,
221.1463, 239.7778

20.4866, 23.0562,
24.8803

247.3211,
268.0136, 290.6697

12.8596, 14.6350,
15.7697

296.7999,
321.0746, 348.2966

7.4082, 8.5636,
9.2087

352.4733,

3.7673, 4.4577,

380.7138, 413.0772

4.7789

414.7067,
447.3155, 485.4299

■ 1.5713, 1.9327,
2.0617

■ 0.3736, 0.5679,
0.5928

■ 80.0591, 87.9270,
95.1901

■ 80.0591, 87.9270,
95.1901

■ 71.8825, 83.8290,
89.6268

■ 89.3783, 92.6146,
101.0087

■ 64.7944, 80.2853,
84.3087

■ 91.7228, 93.6997,
106.6993

■ 58.7473, 77.2740,
79.2332

■ 91.9441, 93.7882,
107.8647

■ 53.6875, 74.7674,
74.3956

■ 49.5561, 72.7352,
69.7908

■ 46.2878, 71.1438,
65.4135

■ 43.8087, 69.9552,
61.2579

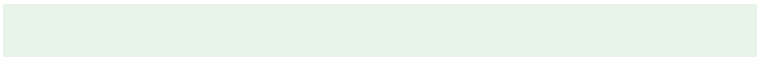
■ 42.0317, 69.1245,
57.3176

■ 40.8434, 68.5933,
53.5847

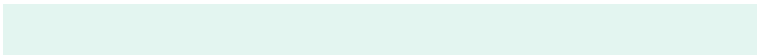
Harmonies

Analogous

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



80.6174, 87.9270, 90.2677



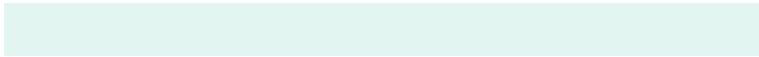
80.0591, 87.9270, 95.1901



80.4305, 87.9270, 100.4400

Triad

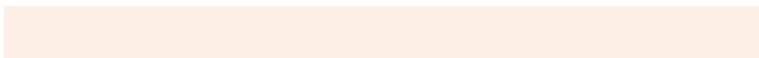
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0591, 87.9270, 95.1901



85.1982, 87.9270, 105.1417



85.5346, 87.9270, 87.4268

Complementary

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



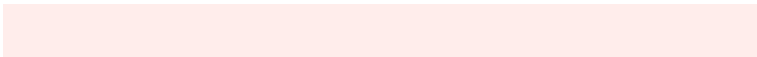
80.0591, 87.9270, 95.1901



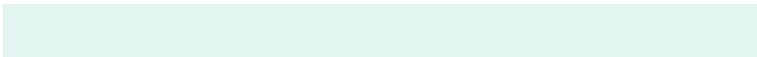
79.6939, 80.1790, 87.6238

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.



86.7942, 87.9270, 91.1842



80.0591, 87.9270, 95.1901



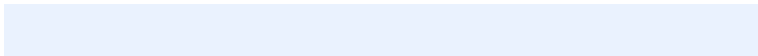
86.5979, 87.9270, 101.4241

Square

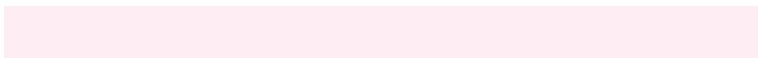
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



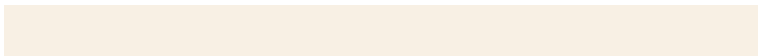
80.0591, 87.9270, 95.1901



83.3806, 87.9270, 106.3094



87.1861, 87.9270, 96.2871



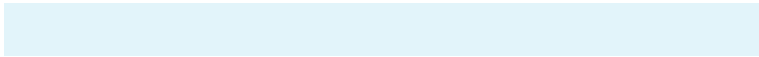
83.7636, 87.9270, 85.8909

Rectangle

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



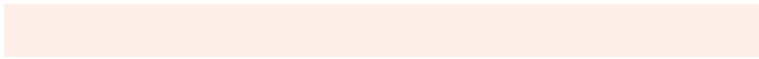
80.0591, 87.9270, 95.1901



81.1584, 87.9270, 103.3981



87.1861, 87.9270, 96.2871



86.0329, 87.9270, 88.4650

Sweetspot

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



80.0616, 87.9307, 95.1920



92.9711, 98.9546, 107.6159



79.8315, 88.0273, 85.4576



19.9214, 21.1913, 23.0478



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.



80.0616, 87.9307, 95.1920



86.0948, 95.5001, 103.2090



79.6477, 85.8967, 98.7725



16.7887, 18.6746, 20.1719



21.9225, 36.9138, 28.6752



1.9702, 3.2617, 2.7491

Inverse Universe

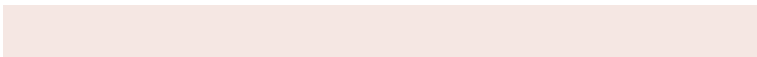
The Inverse Universe completely reimagines the original color for something new.



79.6939, 80.1790, 87.6238



85.6064, 85.1996, 93.1526



80.0721, 82.0569, 84.2925



16.6884, 16.5582, 18.1056



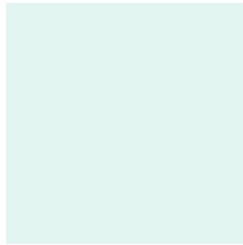
20.9001, 10.7035, 4.1823



1.8787, 0.9575, 0.5879

Previews

White Background



This preview shows how the XYZ color 80.0591, 87.9270, 95.1901 looks on a white background.

Color Contrast Check

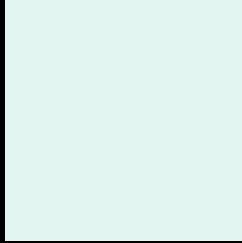
Large Text (above 18pt) WCAG AA × Fail

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 80.0591, 87.9270, 95.1901 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

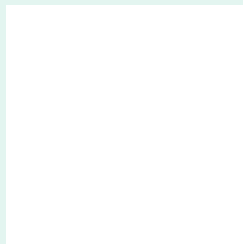
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0591, 87.9270, 95.1901

Background



This preview shows how black text looks on a background with the XYZ color 80.0591, 87.9270, 95.1901.



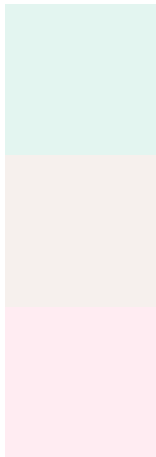
This preview shows how white text looks on a background with the XYZ color 80.0591, 87.9270,

95.1901.

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

80.0591, 87.9270, 95.1901

Protanopia

84.4522, 88.0274, 92.6606

Deuteranopia

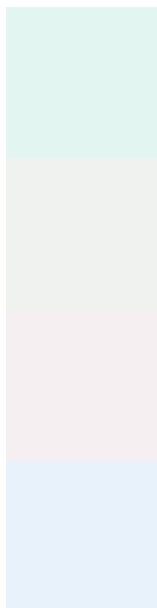
87.2625, 87.6617, 96.3256



Tritanopia

83.4370, 87.6230, 107.1231

Trichromacy



Original Color

80.0591, 87.9270, 95.1901

Protanomaly

82.7814, 88.0280, 93.5170

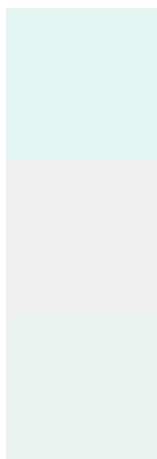
Deuteranomaly

84.3999, 87.4964, 95.6592

Tritanomaly

81.9624, 87.3953, 102.9916

Monochromacy



Original Color

80.0591, 87.9270, 95.1901

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.2962, 86.8048, 94.1316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0591, 87.9270, 95.1901 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(227, 245, 240)` looks like.

```
.text, #text, p{  
    color:rgb(227, 245, 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(227, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 245, 240) }
```

Border

The CSS property to change the border of an element to XYZ 80.0591, 87.9270, 95.1901 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(227, 245, 240) }
```


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

```
.border{ border-color:rgb(227, 245, 240) }
```

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

Here you see how a box with a 4 pixel rgb(227, 245, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(227, 245,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0591, 87.9270, 95.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 245, 240) }
```

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

```
.background{ background-color: rgb(227,  
245, 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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