

Converting Colors

XYZ(80.4045, 85.8112, 97.4876)

Have a look what the booklet for
XYZ(80.4045, 85.8112, 97.4876)
contains.

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Color

**XYZ(80.2927, 85.7802,
97.1194)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F0F3
RGB	231, 240, 243
RGB Percent	91%, 94%, 95%
CMY	0.0941, 0.0588, 0.0471
CMYK	0.05, 0.01, 0.00, 0.05
HSL	195°, 33%, 93%
HSV	195°, 5%, 95%
XYZ	80.2927, 85.7802, 97.1194
YIQ	237.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

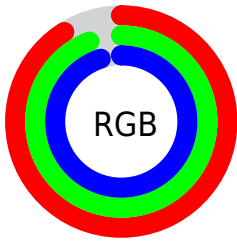
Format	Color
R _Y B	231, 236, 243
Decimal	15200499
CIE Lab	94.22, -2.42, -2.49
CIE LCh	94, 3.471, 225.832
Yxy	85.7802, 0.3051, 0.3259
Android (android.graphics.Color)	4293390579 (0xFFE7F0F3)
YUV	237.6510, 2.6371, -5.8329
Hunter-Lab	92.6176, -7.3343, 2.6605

Details

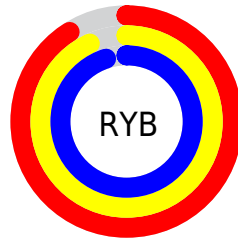
The XYZ color **80.2927, 85.7802, 97.1194** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8089, 83.6688, 87.4931**, and the grayscale version is **80.9841, 85.2015, 92.7845**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7893, 46.9828, 53.7744** is the 20% darker color. If you saturate the color by 10%, you get **71.2320, 78.5043, 96.1939**, and if you desaturate by 10%, it is **90.3958, 93.6869, 98.1144**.

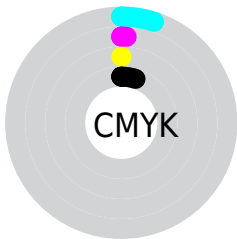
Distribution



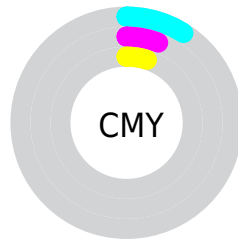
- Red (91%)
- Green (94%)
- Blue (95%)



- Red (91%)
- Yellow (93%)
- Blue (95%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.2927, 85.7802, 97.1194 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 80.2927, 85.7802, 97.1194 by changing the saturation by 10% instead.

80.2927, 85.7802,
97.1194

80.2927, 85.7802,
97.1194

484.6402,
514.2062, 572.0847

60.2685, 64.4862,
73.2936

132.7255,
141.4627, 159.2101

43.8854, 47.0446,
53.7228

165.8649,
176.6201, 198.3121

30.7780, 33.0709,
37.9884

204.1068,
217.1673, 243.3432

20.5808, 22.1808,
25.6719

247.8164,
263.4889, 294.7220

12.9287, 13.9898,
16.3548

297.3592,
315.9692, 352.8670

7.4561, 8.1136,
9.6185

353.1006,

3.7978, 4.1677,

374.9925, 418.1967

5.0445

415.4058,
440.9434, 491.1298

■ 1.5884, 1.7678,
2.2142

■ 0.3848, 0.4670,
0.6825

■ 80.2927, 85.7802,
97.1194

■ 80.2927, 85.7802,
97.1194

■ 71.2320, 78.5043,
96.1939

■ 90.3958, 93.6869,
98.1144

■ 63.2723, 71.8814,
95.3351

■ 92.2722, 97.4397,
98.7398

■ 56.3678, 65.8894,
94.5424

■ 93.1779, 99.2512,
99.0417

■ 50.4665, 60.5007,
93.8133

■ 45.5118, 55.6851,
93.1449

■ 41.4413, 51.4095,
92.5342

■ 38.1847, 47.6369,
91.9777

■ 35.6601, 44.3241,
91.4713

■ 33.7672, 41.4183,
91.0102

Harmonies

Analogous

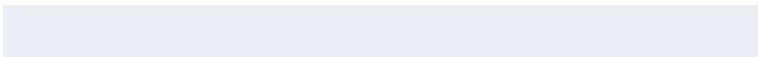
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8243, 85.7802, 94.8033



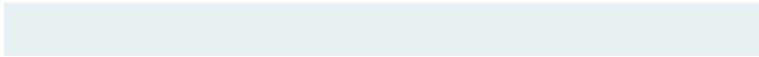
80.2927, 85.7802, 97.1194



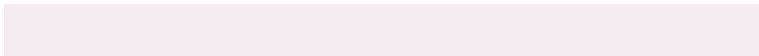
81.0949, 85.7802, 98.4507

Triad

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



80.2927, 85.7802, 97.1194



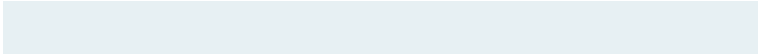
83.2765, 85.7802, 94.6584



81.0450, 85.7802, 88.5623

Complementary

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



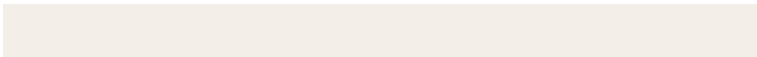
80.2927, 85.7802, 97.1194



80.8089, 83.6688, 87.4931

Split Complementary

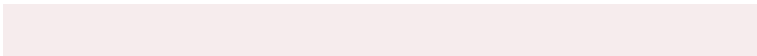
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9697, 85.7802, 88.5252



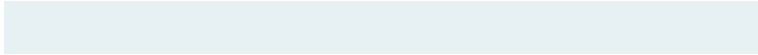
80.2927, 85.7802, 97.1194



83.2628, 85.7802, 92.0108

Square

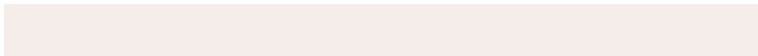
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



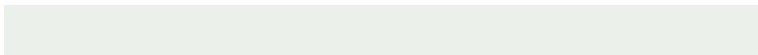
80.2927, 85.7802, 97.1194



82.8201, 85.7802, 97.0116



82.7830, 85.7802, 89.7769



80.2564, 85.7802, 89.8793

Rectangle

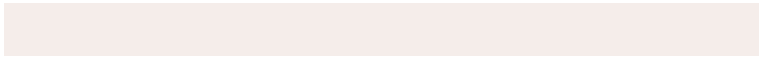
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



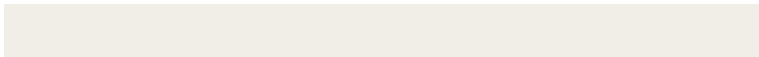
80.2927, 85.7802, 97.1194



81.7132, 85.7802, 98.5845



82.7830, 85.7802, 89.7769



81.3501, 85.7802, 88.4006

Sweetspot

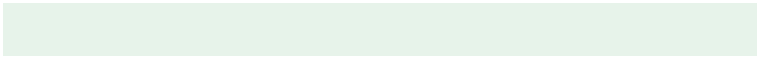
The Sweet Spot groups the original color and five complimentary colors.



80.2952, 85.7838, 97.1213



93.9153, 99.1140, 108.7888



79.8294, 87.0205, 90.2817



20.1137, 21.2238, 23.2865



0.0000, 0.0000, 0.0000



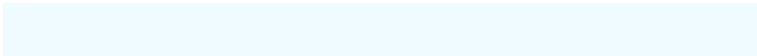
20.3446, 21.4041, 23.3091

Same Dimension

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



80.2952, 85.7838, 97.1213



88.4369, 94.7997, 108.2448



78.6136, 82.4208, 96.5608



17.2032, 18.4770, 21.2023



18.2095, 22.2127, 49.8658



1.6813, 2.1140, 4.4097

Inverse Universe

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



81.2681, 82.4993, 94.0831



89.7528, 90.3801, 104.1303



82.4885, 87.0280, 88.0529



17.4872, 17.5260, 20.3136



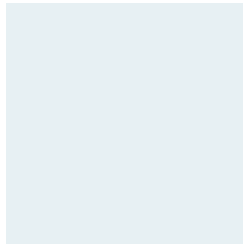
24.9958, 12.3418, 25.7501



2.2377, 1.1010, 2.4781

Previews

White Background



This preview shows how the XYZ color 80.2927, 85.7802, 97.1194 looks on a white background.

Color Contrast Check

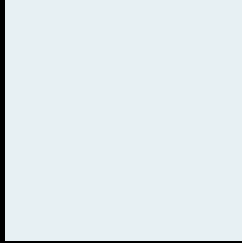
Large Text (above 18pt) WCAG AA × Fail

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 80.2927, 85.7802, 97.1194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

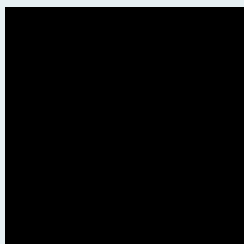
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

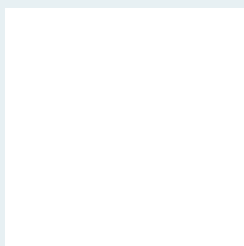
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.2927, 85.7802, 97.1194

Background



This preview shows how black text looks on a background with the XYZ color 80.2927, 85.7802, 97.1194.



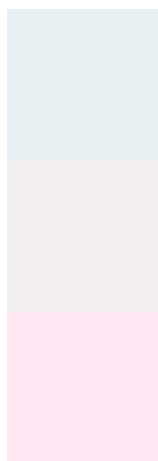
This preview shows how white text looks on a background with the XYZ color 80.2927, 85.7802,

97.1194.

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

80.2927, 85.7802, 97.1194

Protanopia

82.4370, 85.6200, 95.4005

Deuteranopia

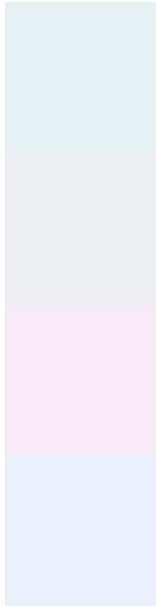
86.4257, 85.5049, 97.5369



Tritanopia

82.5562, 85.8615, 106.8295

Trichromacy



Original Color

80.2927, 85.7802, 97.1194

Protanomaly

81.5266, 85.5644, 96.2231

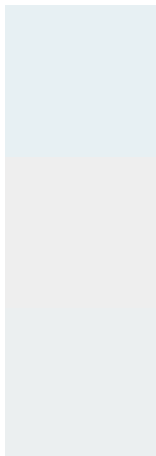
Deuteranomaly

84.0435, 85.5411, 97.6695

Tritanomaly

81.8834, 86.0217, 103.5549

Monochromacy



Original Color

80.2927, 85.7802, 97.1194

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.8556, 85.6864, 94.7157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2927, 85.7802, 97.1194 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(231, 240, 243) looks like.

```
.text, #text, p{  
    color:rgb(231, 240, 243)  
}
```

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(231, 240, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 240, 243) }
```

Border

The CSS property to change the border of an element to XYZ 80.2927, 85.7802, 97.1194 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(231, 240, 243) }
```


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

```
.border{ border-color:rgb(231, 240, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 240, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 240, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 240, 243);  
box-shadow:4px 4px 4px 4px rgb(231, 240,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2927, 85.7802, 97.1194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 240, 243) }
```

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

```
.background{ background-color: rgb(231,  
240, 243) }
```

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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