

Converting Colors

XYZ(81.1476, 89.6475, 93.3276)

Have a look what the booklet for
XYZ(81.1476, 89.6475, 93.3276)
contains.

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Color

**XYZ(80.8599, 89.2940,
93.0945)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F7ED
RGB	229, 247, 237
RGB Percent	90%, 97%, 93%
CMY	0.1020, 0.0314, 0.0706
CMYK	0.07, 0.00, 0.04, 0.03
HSL	147°, 53%, 93%
HSV	147°, 7%, 97%
XYZ	80.8599, 89.2940, 93.0945
YIQ	240.4780, -7.5180, -6.9260

Conversions

Conversions Part 2

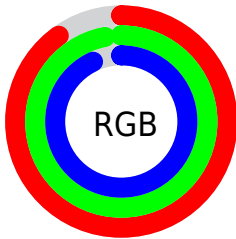
Format	Color
R _Y B	229, 241, 247
Decimal	15071213
CIE Lab	95.70, -7.71, 2.77
CIE LCh	96, 8.190, 160.250
Yxy	89.2940, 0.3072, 0.3392
Android (android.graphics.Color)	4293261293 (0xFFE5F7ED)
YUV	240.4780, -1.7147, -10.0662
Hunter-Lab	94.4955, -12.6245, 7.7359

Details

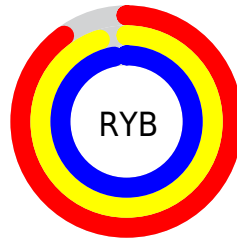
The XYZ color **80.8599, 89.2940, 93.0945** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9603, 82.0470, 93.1824**, and the grayscale version is **83.2184, 87.5522, 95.3444**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4269, 49.5965, 50.9476** is the 20% darker color. If you saturate the color by 10%, you get **71.6036, 84.7476, 82.5922**, and if you desaturate by 10%, it is **91.3961, 94.4875, 104.4617**.

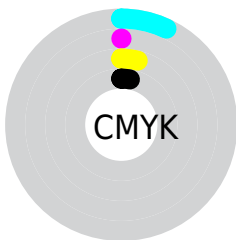
Distribution



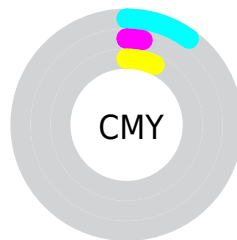
- Red (90%)
- Green (97%)
- Blue (93%)



- Red (90%)
- Yellow (95%)
- Blue (97%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)





- Cyan (10%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8599, 89.2940, 93.0945 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 80.8599, 89.2940, 93.0945 by changing the saturation by 10% instead.

 80.8599, 89.2940,
93.0945

 80.8599, 89.2940,
93.0945

486.5186,
525.7316, 558.8743

 60.7371, 67.3952,
69.9619


133.5182,
146.3573, 153.6023

 44.2648, 49.4059,
51.0189


166.7845,
182.2907, 191.8146

 31.0775, 34.9416,
35.8468

205.1626,
223.6711, 235.8906

 20.8100, 23.6179,
24.0272

249.0179,
270.8828, 286.2487

 13.0969, 15.0504,
15.1414

298.7158,
324.3104, 343.3077

 7.5727, 8.8548,
8.7709

354.6217,

 3.8723, 4.6466,

384.3381, 407.4859

4.4973

417.1008,
451.3503, 479.2019

■ 1.6301, 2.0414,
1.9019

■ 0.4119, 0.6314,
0.4940

■ 80.8599, 89.2940,
93.0945

■ 80.8599, 89.2940,
93.0945

■ 71.6036, 84.7476,
82.5922

■ 91.3961, 94.4875,
104.4617

■ 63.5692, 80.8113,
72.9286

■ 92.5525, 95.0050,
108.0675

■ 56.7051, 77.4613,
64.0848

■ 50.9532, 74.6683,
56.0389

■ 46.2502, 72.3998,
48.7679

■ 42.5259, 70.6204,
42.2480

■ 39.7013, 69.2896,
36.4535

■ 37.6837, 68.3602,
31.3574

■ 36.3541, 67.7713,
26.9300

Harmonies

Analogous

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



82.1035, 89.2940, 88.0630



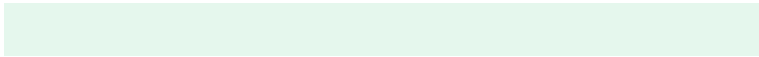
80.8599, 89.2940, 93.0945



80.6803, 89.2940, 99.4499

Triad

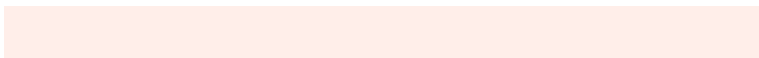
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8599, 89.2940, 93.0945



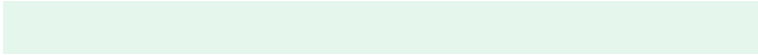
85.6443, 89.2940, 109.9497



88.2200, 89.2940, 89.4298

Complementary

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



80.8599, 89.2940, 93.0945



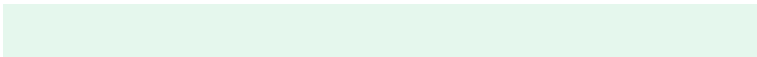
81.9603, 82.0470, 93.1824

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.



89.2049, 89.2940, 95.0354



80.8599, 89.2940, 93.0945



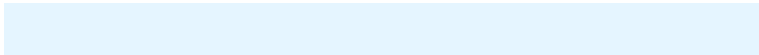
87.7005, 89.2940, 107.0035

Square

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



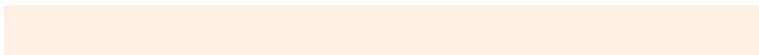
80.8599, 89.2940, 93.0945



83.4161, 89.2940, 109.3736



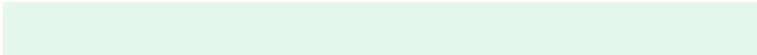
89.0132, 89.2940, 101.4779



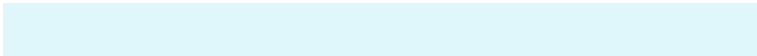
86.3432, 89.2940, 86.0128

Rectangle

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



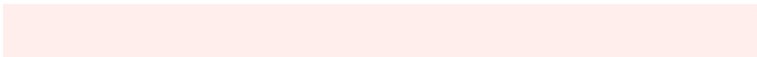
80.8599, 89.2940, 93.0945



81.1847, 89.2940, 103.6095



89.0132, 89.2940, 101.4779



88.6678, 89.2940, 91.1102

Sweetspot

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



80.8624, 89.2978, 93.0965



92.7456, 98.8643, 106.4282



83.0710, 90.5685, 87.2330



19.8755, 21.1729, 22.8060



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

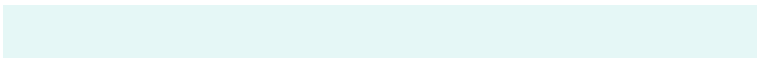
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8624, 89.2978, 93.0965



85.1193, 95.1099, 98.0716



82.1808, 89.8251, 100.0389



16.5882, 18.5944, 19.1157



19.1410, 35.8012, 14.0281



1.7332, 3.1669, 1.5008

Inverse Universe

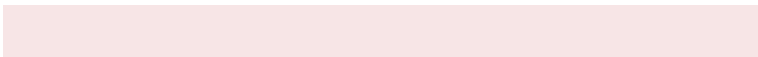
The Inverse Universe completely reimagines the original color for something new.



81.9603, 82.0470, 93.1824



86.5619, 85.5819, 98.1844



80.6908, 81.5392, 86.4973



16.8846, 16.6367, 19.1389



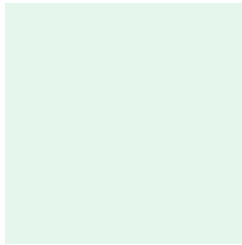
22.7561, 11.4459, 13.9560



2.0517, 1.0267, 1.4988

Previews

White Background



This preview shows how the XYZ color 80.8599, 89.2940, 93.0945 looks on a white background.

Color Contrast Check

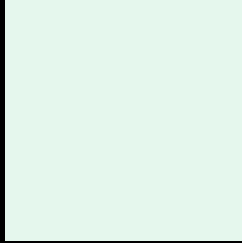
Large Text (above 18pt) WCAG AA × Fail

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 80.8599, 89.2940, 93.0945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

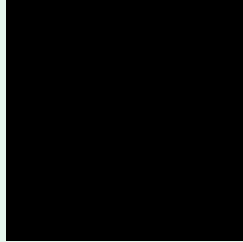
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

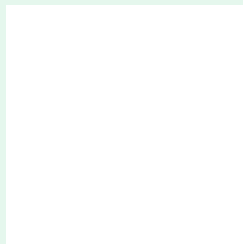
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8599, 89.2940, 93.0945

Background



This preview shows how black text looks on a background with the XYZ color 80.8599, 89.2940, 93.0945.



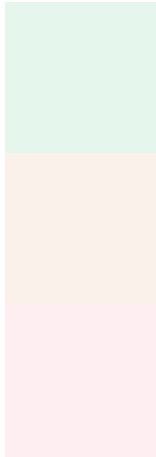
This preview shows how white text looks on a background with the XYZ color 80.8599, 89.2940,

93.0945.

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

80.8599, 89.2940, 93.0945

Protanopia

85.3735, 88.9908, 90.5192

Deuteranopia

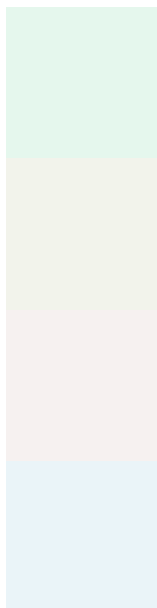
87.6917, 88.7599, 95.7296



Tritanopia

85.0256, 89.3257, 107.3680

Trichromacy



Original Color

80.8599, 89.2940, 93.0945

Protanomaly

83.6639, 88.9766, 91.3619

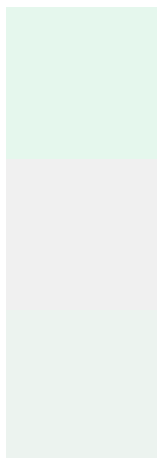
Deuteranomaly

85.1895, 88.7947, 95.0872

Tritanomaly

83.2256, 88.9711, 101.5936

Monochromacy



Original Color

80.8599, 89.2940, 93.0945

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.2227, 88.1660, 94.3455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8599, 89.2940, 93.0945 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, 247, 237) looks like.

```
.text, #text, p{  
    color:rgb(229, 247, 237)  
}
```

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, 247, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 247, 237) }
```

Border

The CSS property to change the border of an element to XYZ 80.8599, 89.2940, 93.0945 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, 247, 237) }
```


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

```
.border{ border-color:rgb(229, 247, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 247, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 247, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 247, 237);  
box-shadow:4px 4px 4px 4px rgb(229, 247,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8599, 89.2940, 93.0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 247, 237) }
```

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

```
.background{ background-color: rgb(229,  
247, 237) }
```

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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