

Converting Colors

XYZ(87.3549, 89.0911, 96.0816)

Have a look what the booklet for
XYZ(87.3549, 89.0911, 96.0816)
contains.

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Color

**XYZ(87.2517, 88.9665,
95.7927)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEFF1
RGB	253, 239, 241
RGB Percent	99%, 94%, 95%
CMY	0.0078, 0.0627, 0.0549
CMYK	0.00, 0.06, 0.05, 0.01
HSL	351°, 78%, 96%
HSV	351°, 6%, 99%
XYZ	87.2517, 88.9665, 95.7927
YIQ	243.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

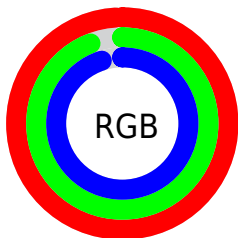
Format	Color
R _{YB}	253, 239, 241
Decimal	16642033
CIE Lab	95.57, 5.05, 0.72
CIE LCh	96, 5.100, 8.063
Yxy	88.9665, 0.3208, 0.3271
Android (android.graphics.Color)	4294832113 (0xFFFDEFF1)
YUV	243.4140, -1.1901, 8.4069
Hunter-Lab	94.3221, 0.0561, 5.8110

Details

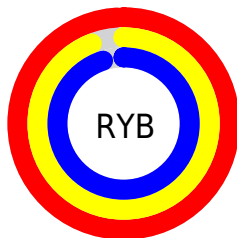
The XYZ color **87.2517, 88.9665, 95.7927** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.1378, 95.5686, 105.0727**, and the grayscale version is **85.5282, 89.9823, 97.9907**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4554, 49.1055, 52.8234** is the 20% darker color. If you saturate the color by 10%, you get **77.3077, 73.9580, 77.4323**, and if you desaturate by 10%, it is **94.3185, 99.6229, 108.8658**.

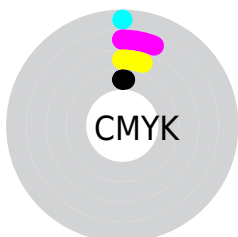
Distribution



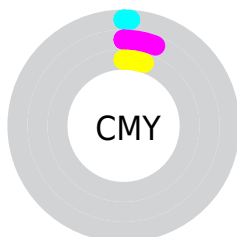
- Red (99%)
- Green (94%)
- Blue (95%)



- Red (99%)
- Yellow (94%)
- Blue (95%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (1%)





- Cyan (1%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2517, 88.9665, 95.7927 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 87.2517, 88.9665, 95.7927 by changing the saturation by 10% instead.


 87.2517, 88.9665,
95.7927

 87.2517, 88.9665,
95.7927


507.4217,
524.6632, 567.7487

 66.0322, 67.1238,
72.1944


142.4128,
145.9020, 157.3643

 48.5664, 49.1852,
52.8297


177.0851,
181.7635, 196.1746

 34.4887, 34.7664,
37.2800


216.9725,
223.0668, 240.8928

 23.4340, 23.4830,
25.1269

262.4402,
270.1963, 291.9372

 15.0367, 14.9506,
15.9517

313.8536,
323.5362, 349.7264

 8.9317, 8.7847,
9.3360

371.5781,

 4.7534, 4.6010,

383.4711, 414.6791

4.8612

435.9790,
450.3853, 487.2136

■ 2.1366, 2.0151,
2.1087

■ 0.7090, 0.6162,
0.6210

■ 87.2517, 88.9665,
95.7927

■ 87.2517, 88.9665,
95.7927

■ 77.3077, 73.9580,
77.4323

94.3185, 99.6229,
108.8658

■ 68.7274, 61.0825,
61.3625

■ 61.4535, 50.2464,
47.4948

■ 55.4212, 41.3449,
35.7327

■ 50.5605, 34.2638,
25.9728

■ 46.7942, 28.8769,
18.1024

■ 44.0357, 25.0417,
11.9980

■ 42.1849, 22.5924,
7.5207

■ 41.1204, 21.3248,
4.5099

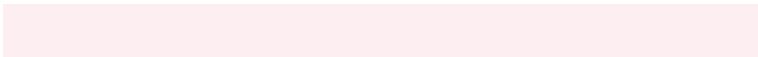
Harmonies

Analogous

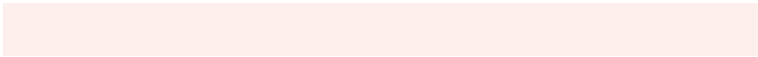
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0801, 88.9665, 99.7763



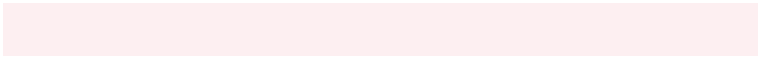
87.2517, 88.9665, 95.7927



86.6958, 88.9665, 92.1965

Triad

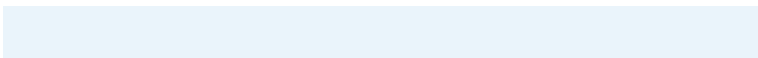
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2517, 88.9665, 95.7927



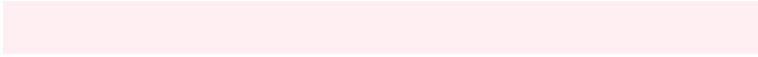
82.9122, 88.9665, 90.9290



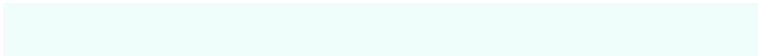
83.5589, 88.9665, 104.1934

Complementary

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



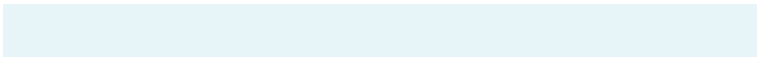
87.2517, 88.9665, 95.7927



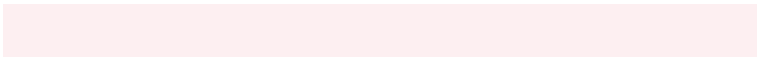
88.1378, 95.5686, 105.0727

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.



82.4595, 88.9665, 101.6976



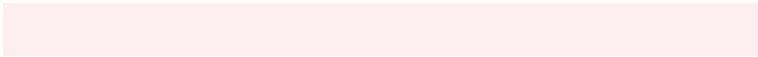
87.2517, 88.9665, 95.7927



82.0890, 88.9665, 94.0195

Square

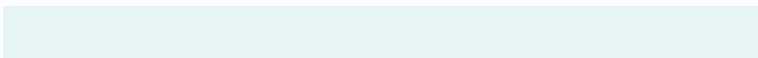
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2517, 88.9665, 95.7927



84.1832, 88.9665, 89.4394



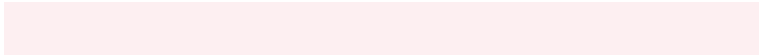
81.9242, 88.9665, 97.9541



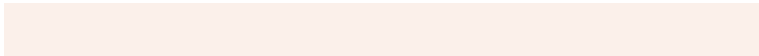
84.9379, 88.9665, 104.6999

Rectangle

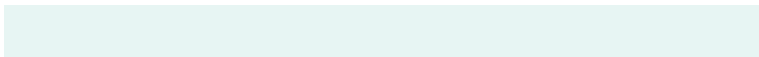
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



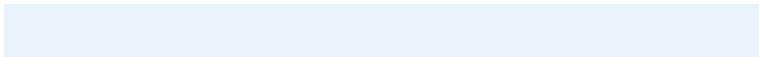
87.2517, 88.9665, 95.7927



85.9911, 88.9665, 90.4770



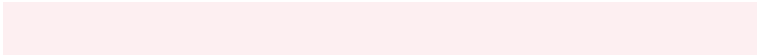
81.9242, 88.9665, 97.9541



83.1449, 88.9665, 103.5560

Sweetspot

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



87.2542, 88.9704, 95.7946



92.7484, 96.5106, 104.6991



88.3465, 89.3195, 105.5137



19.8761, 20.6938, 22.4540



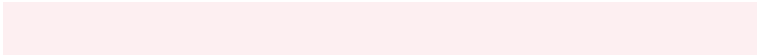
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

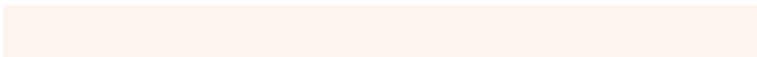
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2542, 88.9704, 95.7946



87.2506, 88.1885, 94.6245



88.4113, 91.7591, 94.7175



18.5384, 18.6691, 20.0020



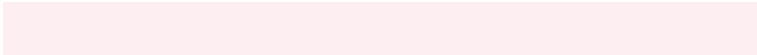
21.7498, 11.1892, 2.0669



2.1479, 1.1015, 0.3605

Inverse Universe

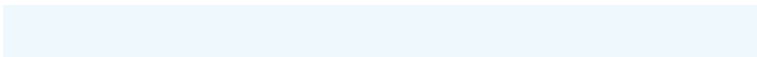
The Inverse Universe completely reimagines the original color for something new.



87.2542, 88.9704, 95.7946



87.2506, 88.1885, 94.6245



86.9275, 92.6419, 106.2298



18.5384, 18.6691, 20.0020



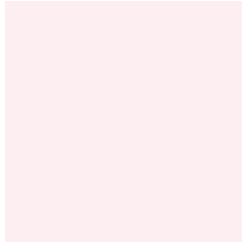
21.7498, 11.1892, 2.0669



2.1479, 1.1015, 0.3605

Previews

White Background



This preview shows how the XYZ color 87.2517, 88.9665, 95.7927 looks on a white background.

Color Contrast Check

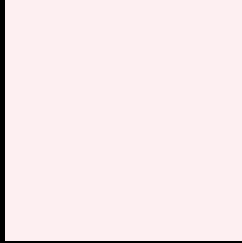
Large Text (above 18pt) WCAG AA × Fail

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 87.2517, 88.9665, 95.7927 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

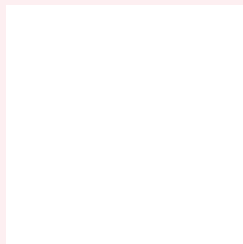
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.2517, 88.9665, 95.7927

Background



This preview shows how black text looks on a background with the XYZ color 87.2517, 88.9665, 95.7927.



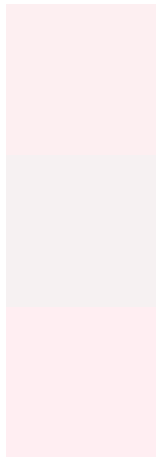
This preview shows how white text looks on a background with the XYZ color 87.2517, 88.9665,

95.7927.

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

87.2517, 88.9665, 95.7927

Protanopia

85.4883, 88.9142, 96.6608

Deuteranopia

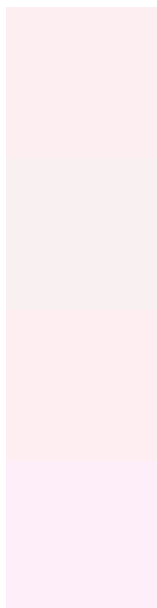
87.8415, 88.8199, 96.5186



Tritanopia

89.5742, 89.0484, 107.0747

Trichromacy



Original Color

87.2517, 88.9665, 95.7927

Protanomaly

86.2540, 88.8707, 96.6121

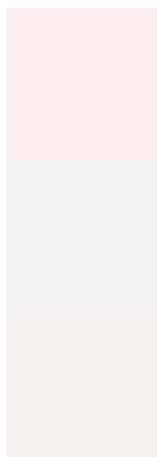
Deuteranomaly

87.4746, 88.6307, 96.5014

Tritanomaly

88.7029, 89.1220, 102.9696

Monochromacy



Original Color

87.2517, 88.9665, 95.7927

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

86.1369, 89.6892, 96.7762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2517, 88.9665, 95.7927 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(253, 239, 241) looks like.

```
.text, #text, p{  
    color:rgb(253, 239, 241)  
}
```

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(253, 239, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 239, 241) }
```

Border

The CSS property to change the border of an element to XYZ 87.2517, 88.9665, 95.7927 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(253, 239, 241) }
```


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

```
.border{ border-color:rgb(253, 239, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 239, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 239, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 239, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 239,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2517, 88.9665, 95.7927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 239, 241) }
```

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

```
.background{ background-color: rgb(253,  
239, 241) }
```

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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