

Converting Colors

XYZ(87.8295, 89.1274,
100.4225)

Have a look what the booklet for
XYZ(87.8295, 89.1274, 100.4225)
contains.

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Color

**XYZ(87.7999, 89.1439,
100.5746)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEFF7
RGB	252, 239, 247
RGB Percent	99%, 94%, 97%
CMY	0.0118, 0.0627, 0.0314
CMYK	0.00, 0.05, 0.02, 0.01
HSL	323°, 68%, 96%
HSV	323°, 5%, 99%
XYZ	87.7999, 89.1439, 100.5746
YIQ	243.7990, 5.1800, 5.2440

Conversions

Conversions Part 2

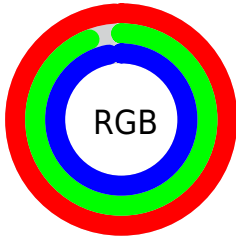
Format	Color
R_{YB}	252, 239, 247
Decimal	16576503
CIE Lab	95.64, 5.75, -2.29
CIE LCh	96, 6.187, 338.234
Yxy	89.1439, 0.3164, 0.3212
Android (android.graphics.Color)	4294766583 (0xFFFC ^{EFF} 7)
YUV	243.7990, 1.5781, 7.1923
Hunter-Lab	94.4160, 0.7636, 2.9339

Details

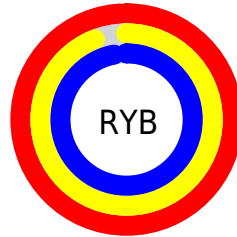
The XYZ color **87.7999, 89.1439, 100.5746** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.7396, 94.5055, 99.2624**, and the grayscale version is **85.8155, 90.2846, 98.3200**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8431, 49.2307, 56.2184** is the 20% darker color. If you saturate the color by 10%, you get **79.4737, 74.8230, 90.6090**, and if you desaturate by 10%, it is **93.9554, 99.4357, 108.8488**.

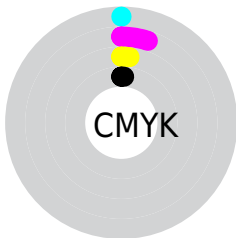
Distribution



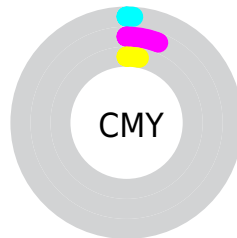
- Red (99%)
- Green (94%)
- Blue (97%)



- Red (99%)
- Yellow (94%)
- Blue (97%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7999, 89.1439, 100.5746 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 87.7999, 89.1439, 100.5746 by changing the saturation by 10% instead.

87.7999, 89.1439,
100.5746

87.7999, 89.1439,
100.5746

509.1929,
525.2420, 583.2957

66.4876, 67.2708,
76.1609

143.1725,
146.1487, 164.0053

48.9375, 49.3047,
56.0570

177.9635,
182.0491, 203.8595

34.7842, 34.8613,
39.8444

217.9781,
223.3942, 249.6976

23.6624, 23.5560,
27.1043

263.5817,
270.5682, 301.9382

15.2068, 15.0046,
17.4185

315.1397,
323.9556, 360.9997

9.0519, 8.8226,
10.3682

373.0173,

4.8324, 4.6257,

383.9408, 427.3008

5.5350

437.5799,
450.9081, 501.2599

■ 2.1830, 2.0294,
2.5003

■ 0.7338, 0.6244,
0.8403

■ 87.7999, 89.1439,
100.5746

■ 87.7999, 89.1439,
100.5746

■ 79.4737, 74.8230,
90.6090

■ 93.9554, 99.4357,
108.8488

■ 72.2079, 62.5013,
81.3738

■ 65.9585, 52.0919,
72.8496

■ 60.6756, 43.4966,
65.0138

■ 56.3047, 36.6086,
57.8420

■ 52.7858, 31.3099,
51.3077

■ 50.0512, 27.4672,
45.3819

■ 48.0222, 24.9252,
40.0316

■ 46.6020, 23.4927,
35.2176

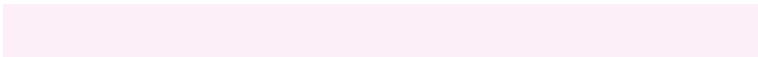
Harmonies

Analogous

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



86.7671, 89.1439, 104.6012



87.7999, 89.1439, 100.5746



88.0041, 89.1439, 95.7284

Triad

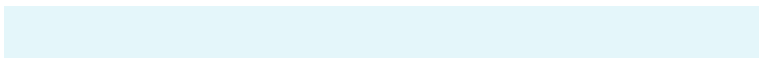
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7999, 89.1439, 100.5746



84.2615, 89.1439, 88.0915



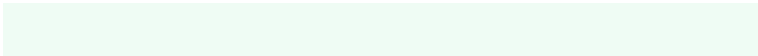
82.1875, 89.1439, 102.9706

Complementary

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



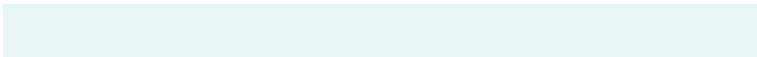
87.7999, 89.1439, 100.5746



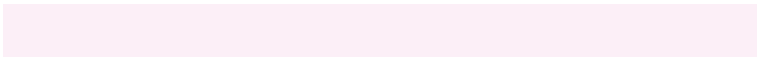
86.7396, 94.5055, 99.2624

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.



81.5354, 89.1439, 98.4091



87.7999, 89.1439, 100.5746



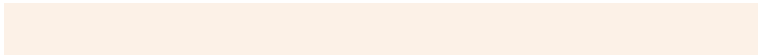
82.7222, 89.1439, 89.8951

Square

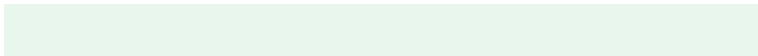
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



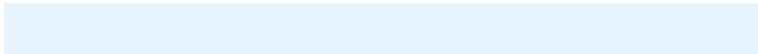
87.7999, 89.1439, 100.5746



85.9462, 89.1439, 88.6276



81.7298, 89.1439, 93.6332



83.5226, 89.1439, 106.0164

Rectangle

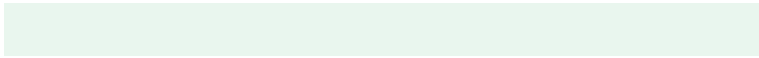
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



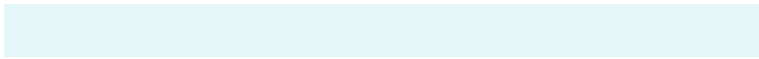
87.7999, 89.1439, 100.5746



87.6404, 89.1439, 92.7021



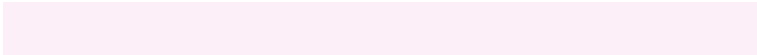
81.7298, 89.1439, 93.6332



81.8820, 89.1439, 101.5577

Sweetspot

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



87.8024, 89.1478, 100.5765



93.1302, 96.6633, 106.7095



85.7431, 87.9958, 104.5625



19.9538, 20.7249, 22.8633



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

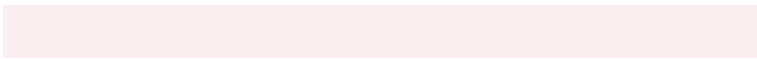
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8024, 89.1478, 100.5765



89.4284, 90.2503, 102.4220



86.8196, 88.7546, 95.4008



18.2062, 18.2888, 20.8483



24.0701, 12.0438, 17.6093



2.2811, 1.1362, 1.9036

Inverse Universe

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



87.8024, 89.1478, 100.5765



89.4284, 90.2503, 102.4220



87.7411, 94.9061, 104.5363



18.2062, 18.2888, 20.8483



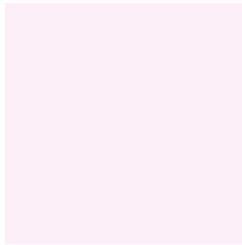
24.0701, 12.0438, 17.6093



2.2811, 1.1362, 1.9036

Previews

White Background



This preview shows how the XYZ color 87.7999, 89.1439, 100.5746 looks on a white background.

Color Contrast Check

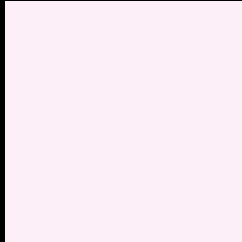
Large Text (above 18pt) WCAG AA × Fail

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 87.7999, 89.1439, 100.5746 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 87.7999, 89.1439, 100.5746

Background



This preview shows how black text looks on a background with the XYZ color 87.7999, 89.1439, 100.5746.



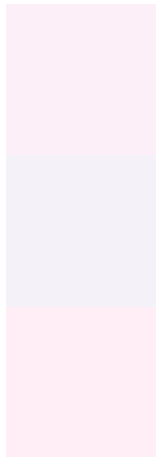
This preview shows how white text looks on a background with the XYZ color 87.7999, 89.1439,

100.5746.

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

87.7999, 89.1439, 100.5746

Protanopia

86.0548, 89.1004, 101.4695

Deuteranopia

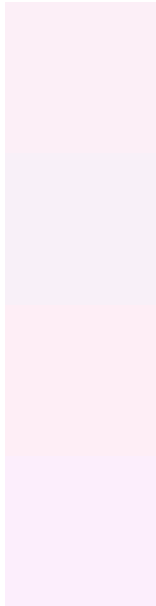
88.4491, 89.0629, 99.7179



Tritanopia

88.7694, 89.0645, 107.1203

Trichromacy



Original Color

87.7999, 89.1439, 100.5746

Protanomaly

86.8148, 89.0539, 101.4204

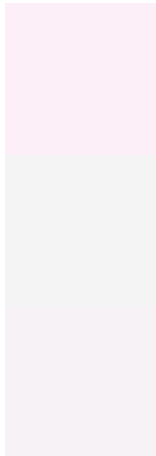
Deuteranomaly

88.0821, 88.8737, 99.7007

Tritanomaly

88.2901, 88.8728, 104.5962

Monochromacy



Original Color

87.7999, 89.1439, 100.5746

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.5913, 89.8710, 99.1692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7999, 89.1439, 100.5746 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(252, 239, 247)` looks like.

```
.text, #text, p{  
    color:rgb(252, 239, 247)  
}
```

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(252, 239, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 239, 247) }
```

Border

The CSS property to change the border of an element to XYZ 87.7999, 89.1439, 100.5746 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(252, 239, 247) }
```


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

```
.border{ border-color:rgb(252, 239, 247) }
```

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

Here you see how a box with a 4 pixel rgb(252, 239, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 239, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 239, 247);  
box-shadow:4px 4px 4px 4px rgb(252, 239,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 87.7999, 89.1439, 100.5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 239, 247) }
```

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

```
.background{ background-color: rgb(252,  
239, 247) }
```

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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