

Converting Colors

XYZ(87.5853, 95.3261, 89.3772)

Have a look what the booklet for
XYZ(87.5853, 95.3261, 89.3772)
contains.

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Color

**XYZ(87.5920, 95.1645,
89.3533)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FCE7
RGB	247, 252, 231
RGB Percent	97%, 99%, 91%
CMY	0.0314, 0.0117, 0.0941
CMYK	0.02, 0.00, 0.08, 0.01
HSL	74°, 78%, 95%
HSV	74°, 8%, 99%
XYZ	87.5920, 95.1645, 89.3533
YIQ	248.1110, 3.7610, -7.5910

Conversions

Conversions Part 2

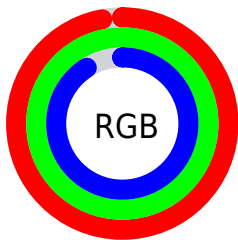
Format	Color
R _Y B	231, 252, 236
Decimal	16252135
CIE Lab	98.10, -5.24, 9.48
CIE LCh	98, 10.827, 118.928
Yxy	95.1645, 0.3219, 0.3497
Android (android.graphics.Color)	4294442215 (0xFFFF7FCE7)
YUV	248.1110, -8.4357, -0.9743
Hunter-Lab	97.5523, -10.4417, 13.9798

Details

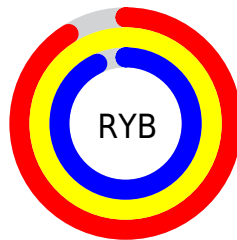
The XYZ color 87.5920, 95.1645, 89.3533 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.7424, 82.0155, 103.6755, and the grayscale version is 89.3808, 94.0356, 102.4048.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.7388, 53.2017, 48.2576 is the 20% darker color. If you saturate the color by 10%, you get 82.2032, 92.7714, 71.8401, and if you desaturate by 10%, it is 93.3725, 97.7284, 108.5499.

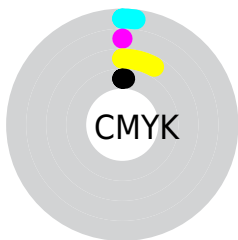
Distribution



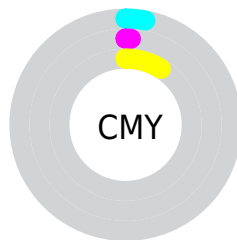
- Red (97%)
- Green (99%)
- Blue (91%)



- Red (91%)
- Yellow (99%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)



- Cyan (3%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.5920, 95.1645, 89.3533 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 87.5920, 95.1645, 89.3533 by changing the saturation by 10% instead.

87.5920, 95.1645,
89.3533

87.5920, 95.1645,
89.3533

508.5216,
544.6915, 546.4406

66.3149, 72.2719,
66.8737

142.8844,
154.4918, 148.3674

48.7967, 53.3808,
48.5210

177.6305,
191.6954, 185.7391

34.6721, 38.1069,
33.8768

217.5969,
234.4380, 228.9118

23.5757, 26.0656,
22.5224

263.1490,
283.1041, 278.3041

15.1422, 16.8728,
14.0392

314.6521,
338.0782, 334.3346

9.0062, 10.1438,
8.0089

372.4717,

4.8024, 5.4944,

399.7444, 397.4219

4.0128

436.9731,
468.4874, 467.9844

■ 2.1653, 2.5402,
1.6324

■ 0.7244, 0.8967,
0.3138

■ 87.5920, 95.1645,
89.3533

■ 87.5920, 95.1645,
89.3533

■ 82.2032, 92.7714,
71.8401

■ 93.3725, 97.7284,
108.5499

■ 77.3702, 90.6052,
56.9123

■ 94.1023, 98.1046,
108.5841

■ 73.0714, 88.6606,
44.4487

■ 69.2811, 86.9269,
34.3164

■ 65.9708, 85.3929,
26.3697

■ 63.1092, 84.0458,
20.4466

■ 60.6605, 82.8713,
16.3627

■ 58.5827, 81.8525,
13.8998

■ 56.8173, 80.9659,
12.7539

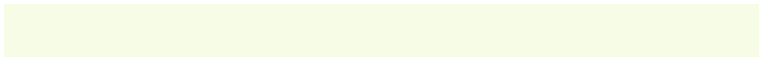
Harmonies

Analogous

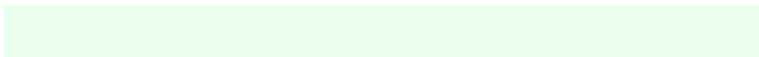
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5628, 95.1645, 87.4359



87.5920, 95.1645, 89.3533



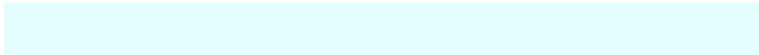
85.4300, 95.1645, 95.0361

Triad

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



87.5920, 95.1645, 89.3533



87.4026, 95.1645, 118.9739



96.5564, 95.1645, 103.9385

Complementary

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



87.5920, 95.1645, 89.3533



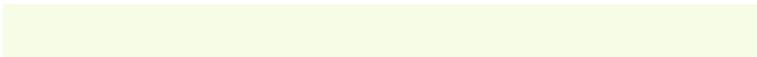
80.7424, 82.0155, 103.6755

Split Complementary

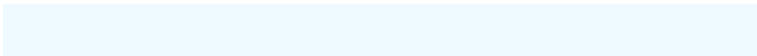
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6649, 95.1645, 112.7015



87.5920, 95.1645, 89.3533



90.3393, 95.1645, 121.6827

Square

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



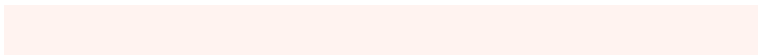
87.5920, 95.1645, 89.3533



85.3225, 95.1645, 112.1160



93.3715, 95.1645, 119.3253



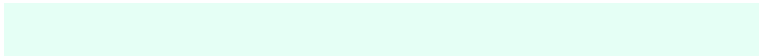
95.7810, 95.1645, 95.5605

Rectangle

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



87.5920, 95.1645, 89.3533



84.7140, 95.1645, 100.3668



93.3715, 95.1645, 119.3253



96.4414, 95.1645, 106.9386

Sweetspot

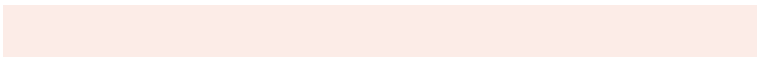
The Sweet Spot groups the original color and five complimentary colors.



87.5946, 95.1686, 89.3554



93.1751, 99.1730, 102.5106



84.5386, 86.4012, 87.8241



19.8381, 21.1806, 21.5853



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

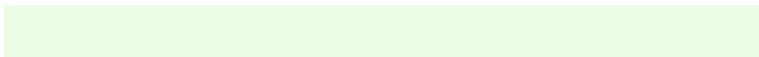
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5946, 95.1686, 89.3554



89.0126, 97.3309, 88.5906



84.0290, 93.3305, 89.1885



18.2995, 19.9702, 18.3525



29.5890, 42.1720, 6.5805



2.8342, 3.9542, 0.6139

Inverse Universe

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



80.7424, 82.0155, 103.6755



80.6593, 81.2961, 106.0483



84.2963, 83.8477, 103.8418



16.6702, 16.8426, 21.7576



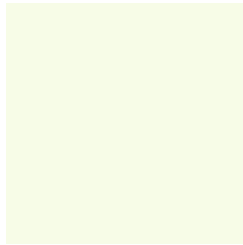
10.2333, 4.2181, 48.2484



1.0380, 0.4372, 4.4729

Previews

White Background



This preview shows how the XYZ color 87.5920, 95.1645, 89.3533 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 87.5920, 95.1645, 89.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

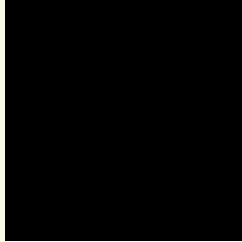
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

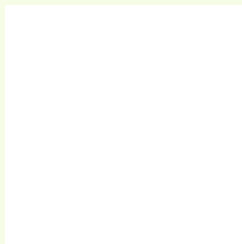
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.5920, 95.1645, 89.3533

Background



This preview shows how black text looks on a background with the XYZ color 87.5920, 95.1645, 89.3533.



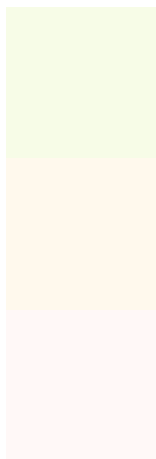
This preview shows how white text looks on a background with the XYZ color 87.5920, 95.1645,

89.3533.

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

87.5920, 95.1645, 89.3533

Protanopia

90.4017, 95.1258, 93.7172

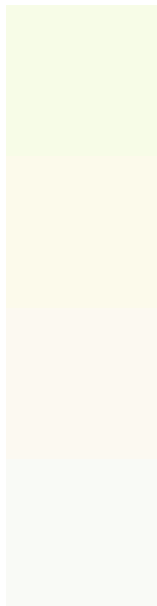
Deuteranopia

91.5959, 95.1102, 101.5262

Tritanopia

91.3500, 95.2954, 108.1869

Trichromacy



Original Color

87.5920, 95.1645, 89.3533

Protanomaly

89.3259, 95.0648, 92.2386

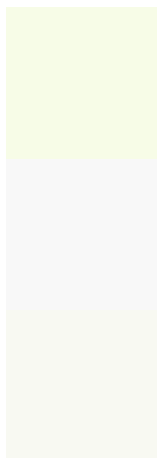
Deuteranomaly

89.8977, 94.7977, 96.7788

Tritanomaly

89.8871, 95.1648, 100.8199

Monochromacy



Original Color

87.5920, 95.1645, 89.3533

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.6141, 94.1186, 97.5006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.5920, 95.1645, 89.3533 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(247, 252, 231)` looks like.

```
.text, #text, p{  
    color:rgb(247, 252, 231)  
}
```

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(247, 252, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 252, 231) }
```

Border

The CSS property to change the border of an element to XYZ 87.5920, 95.1645, 89.3533 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(247, 252, 231) }
```


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

```
.border{ border-color:rgb(247, 252, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 252, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 252, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 252, 231);  
box-shadow:4px 4px 4px 4px rgb(247, 252,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 87.5920, 95.1645, 89.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 252, 231) }
```

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

```
.background{ background-color: rgb(247,  
252, 231) }
```

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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