

Converting Colors

XYZ(89.3863, 100.0000,
96.5436)

Have a look what the booklet for
XYZ(89.3863, 100.0000, 96.5436)
contains.

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Color

**XYZ(87.6156, 96.4528,
95.6608)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFEF
RGB	241, 255, 239
RGB Percent	95%, 100%, 94%
CMY	0.0549, 0.0000, 0.0627
CMYK	0.05, 0.00, 0.06, 0.00
HSL	113°, 100%, 97%
HSV	113°, 6%, 100%
XYZ	87.6156, 96.4528, 95.6608
YIQ	248.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

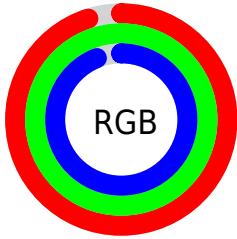
Format	Color
R _{YB}	239, 255, 253
Decimal	15859695
CIE Lab	98.61, -7.40, 6.05
CIE LCh	99, 9.563, 140.724
Yxy	96.4528, 0.3132, 0.3448
Android (android.graphics.Color)	4294049775 (0xFFFF1FEEF)
YUV	248.9900, -4.9251, -7.0072
Hunter-Lab	98.2104, -12.6245, 10.9965

Details

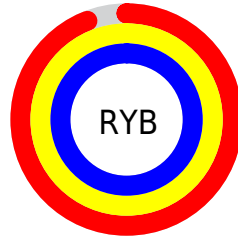
The XYZ color 87.6156, 96.4528, 95.6608 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.4253, 89.8369, 107.2348, and the grayscale version is 90.0749, 94.7658, 103.1999.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.7489, 54.1214, 52.6769 is the 20% darker color. If you saturate the color by 10%, you get 76.9538, 91.3614, 76.8639, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

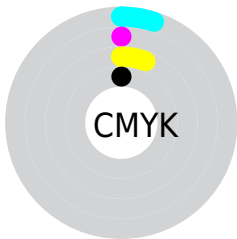
Distribution



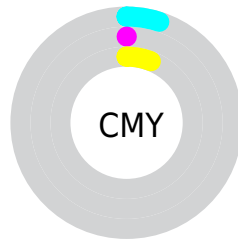
- Red (95%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (99%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.6156, 96.4528, 95.6608 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 87.6156, 96.4528, 95.6608 by changing the saturation by 10% instead.


 87.6156, 96.4528,
95.6608

 87.6156, 96.4528,
95.6608


508.5978,
548.8056, 567.3166

 66.3345, 73.3447,
72.0852

142.9171,
156.2702, 157.1806

 48.8127, 54.2579,
52.7410

177.6683,
193.7483, 195.9619

 34.6848, 38.8079,
37.2097


217.6402,
236.7852, 240.6488

 23.5856, 26.6103,
25.0729

263.1981,
285.7653, 291.6599

 15.1496, 17.2808,
15.9118

314.7075,
341.0730, 349.4136

 9.0114, 10.4349,
9.3081

372.5337,

 4.8058, 5.6882,

403.0927, 414.3287

4.8431

437.0420,
472.2087, 486.8235

■ 2.1674, 2.6564,
2.0984

■ 0.7254, 0.9551,
0.6148

■ 87.6156, 96.4528,
95.6608

■ 87.6156, 96.4528,
95.6608

■ 76.9538, 91.3614,
76.8639

95.0500, 100.0000,
108.9000

■ 67.7001, 86.9371,
60.7904

■ 59.7958, 83.1524,
47.3152

■ 53.1776, 79.9775,
36.3021

■ 47.7767, 77.3802,
27.6020

■ 43.5181, 75.3254,
21.0501

■ 40.3181, 73.7740,
16.4597

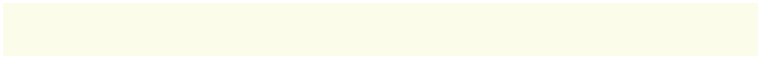
■ 38.0814, 72.6817,
13.6121

■ 36.6943, 71.9957,
12.2354

Harmonies

Analogous

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



89.8044, 96.4528, 91.3955



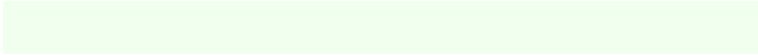
87.6156, 96.4528, 95.6608



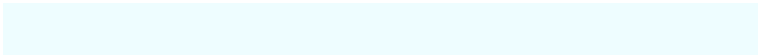
86.5208, 96.4528, 102.5820

Triad

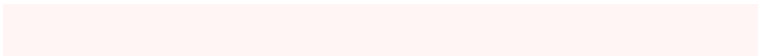
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6156, 96.4528, 95.6608



90.8200, 96.4528, 120.7991



96.7457, 96.4528, 99.7170

Complementary

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



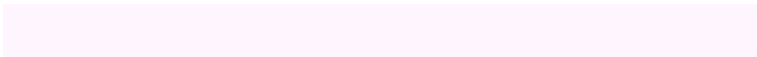
87.6156, 96.4528, 95.6608



89.4253, 89.8369, 107.2348

Split Complementary

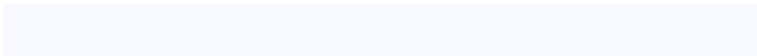
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.0309, 96.4528, 107.4977



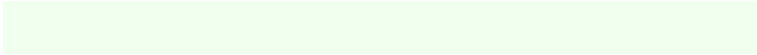
87.6156, 96.4528, 95.6608



93.5724, 96.4528, 119.9370

Square

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



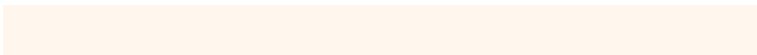
87.6156, 96.4528, 95.6608



88.3462, 96.4528, 117.2716



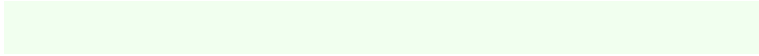
95.8589, 96.4528, 114.9721



95.0874, 96.4528, 93.6541

Rectangle

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



87.6156, 96.4528, 95.6608



86.5433, 96.4528, 107.8835



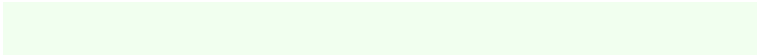
95.8589, 96.4528, 114.9721



97.0067, 96.4528, 102.2090

Sweetspot

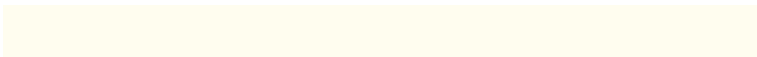
The Sweet Spot groups the original color and five complimentary colors.



87.6164, 96.4531, 95.6623



92.6168, 98.8393, 104.5567



91.9036, 97.6587, 95.6690



19.8493, 21.1678, 22.4249



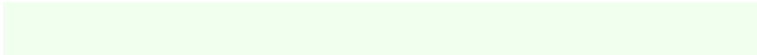
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



87.6164, 96.4531, 95.6623



85.6727, 95.5254, 92.2174



87.8185, 96.4556, 100.2697



17.9825, 20.2769, 19.1104



19.0598, 37.5637, 6.2460



1.9191, 3.6901, 0.6111

Inverse Universe

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



89.4253, 89.8369, 107.2348



87.9521, 87.1875, 106.8010



89.2269, 89.8420, 102.3707



18.5561, 18.1784, 22.7807



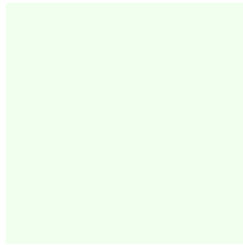
25.4413, 12.0259, 50.4149



2.5371, 1.2018, 4.9115

Previews

White Background



This preview shows how the XYZ color 87.6156, 96.4528, 95.6608 looks on a white background.

Color Contrast Check

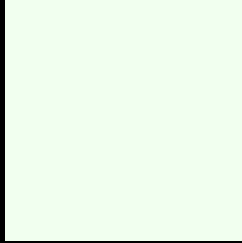
Large Text (above 18pt) WCAG AA × Fail

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 87.6156, 96.4528, 95.6608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

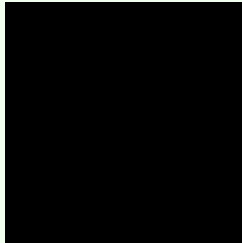
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

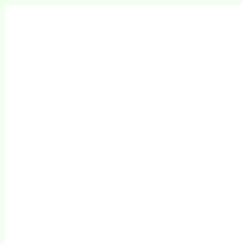
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.6156, 96.4528, 95.6608

Background



This preview shows how black text looks on a background with the XYZ color 87.6156, 96.4528, 95.6608.



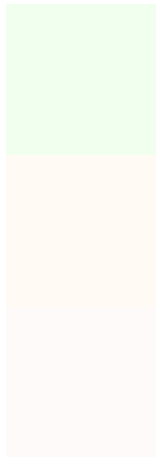
This preview shows how white text looks on a background with the XYZ color 87.6156, 96.4528,

95.608.

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

87.6156, 96.4528, 95.6608

Protanopia

91.6033, 96.1023, 98.5156

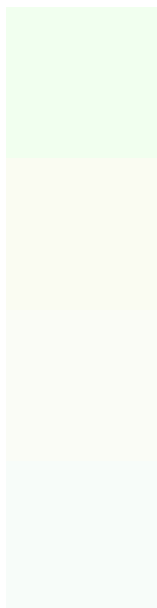
Deuteranopia

92.6809, 96.5333, 104.1905

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy



Original Color

87.6156, 96.4528, 95.6608

Protanomaly

90.2618, 96.3556, 97.8456

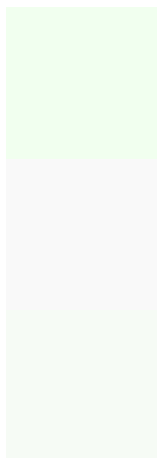
Deuteranomaly

90.8693, 96.5986, 101.0449

Tritanomaly

90.2671, 96.2345, 103.4401

Monochromacy



Original Color

87.6156, 96.4528, 95.6608

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

88.9846, 95.1798, 100.0677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.6156, 96.4528, 95.6608 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(241, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 239)  
}
```

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(241, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 87.6156, 96.4528, 95.6608 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(241, 255, 239) }
```


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

```
.border{ border-color:rgb(241, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 87.6156, 96.4528, 95.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 239) }
```

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

```
.background{ background-color: rgb(241,  
255, 239) }
```

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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