

Converting Colors

XYZ(88.8127, 96.3092, 95.6208)

Have a look what the booklet for
XYZ(88.8127, 96.3092, 95.6208)
contains.

XYZ(88.7113, 96.0754, 95.5302)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.7113, 96.0754,
95.5302)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FDEF
RGB	246, 253, 239
RGB Percent	96%, 99%, 94%
CMY	0.0353, 0.0078, 0.0627
CMYK	0.03, 0.00, 0.06, 0.01
HSL	90°, 78%, 96%
HSV	90°, 6%, 99%
XYZ	88.7113, 96.0754, 95.5302
YIQ	249.3110, 0.3220, -5.8380

Conversions

Conversions Part 2

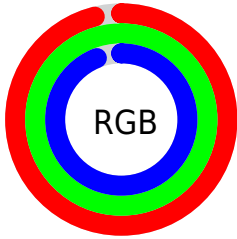
Format	Color
R _Y B	239, 253, 246
Decimal	16186863
CIE Lab	98.46, -4.74, 5.88
CIE LCh	98, 7.554, 128.844
Yxy	96.0754, 0.3165, 0.3427
Android (android.graphics.Color)	4294376943 (0xFFFF6FDEF)
YUV	249.3110, -5.0833, -2.9037
Hunter-Lab	98.0181, -9.9801, 10.8275

Details

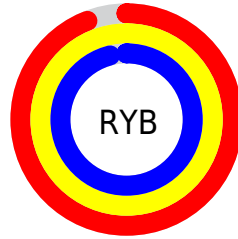
The XYZ color 88.7113, 96.0754, 95.5302 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.6059, 88.4203, 105.4357, and the grayscale version is 90.3410, 95.0457, 103.5048.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5224, 53.8459, 52.5829 is the 20% darker color. If you saturate the color by 10%, you get 80.9442, 92.4762, 77.0020, and if you desaturate by 10%, it is 94.4172, 98.7344, 108.6891.

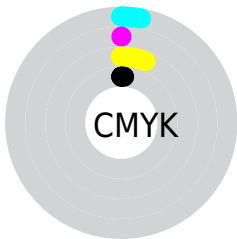
Distribution



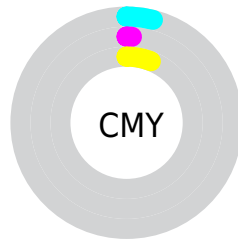
- Red (96%)
- Green (99%)
- Blue (94%)



- Red (94%)
- Yellow (99%)
- Blue (96%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)





- Cyan (4%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.7113, 96.0754, 95.5302 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 88.7113, 96.0754, 95.5302 by changing the saturation by 10% instead.


 88.7113, 96.0754,
95.5302

 88.7113, 96.0754,
95.5302


512.1304,
547.6021, 566.8886

 67.2450, 73.0304,
71.9770


144.4345,
155.7495, 156.9988

 49.5552, 54.0008,
52.6532


179.4222,
193.1473, 195.7512

 35.2765, 38.6023,
37.1401


219.6477,
236.0982, 240.4072

 24.0434, 26.4505,
25.0194

265.4764,
284.9865, 291.3852

 15.4908, 17.1609,
15.8723

317.2737,
340.1966, 349.1038

 9.2531, 10.3493,
9.2805

375.4048,

 4.9651, 5.6312,

402.1130, 413.9816

4.8253

440.2353,
471.1200, 486.4370

■ 2.2613, 2.6221,
2.0882

■ 0.7748, 0.9378,
0.6087

■ 88.7113, 96.0754,
95.5302

■ 88.7113, 96.0754,
95.5302

■ 80.9442, 92.4762,
77.0020

94.4172, 98.7344,
108.6891

■ 73.9725, 89.2263,
61.1274

■ 67.7698, 86.3175,
47.7865

■ 62.3046, 83.7366,
36.8477

■ 57.5432, 81.4692,
28.1676

■ 53.4487, 79.4998,
21.5873

■ 49.9800, 77.8112,
16.9276

■ 47.0900, 76.3836,
13.9789

■ 44.7218, 75.1934,
12.4824

Harmonies

Analogous

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



90.6735, 96.0754, 93.1837



88.7113, 96.0754, 95.5302



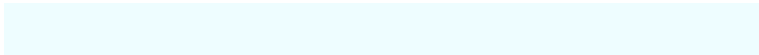
87.4608, 96.0754, 100.3341

Triad

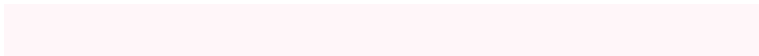
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7113, 96.0754, 95.5302



89.8114, 96.0754, 116.2169



95.5242, 96.0754, 102.7738

Complementary

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



88.7113, 96.0754, 95.5302



86.6059, 88.4203, 105.4357

Split Complementary

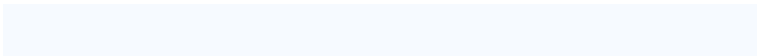
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.2845, 96.0754, 109.0052



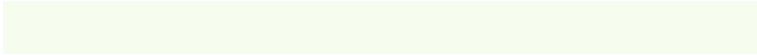
88.7113, 96.0754, 95.5302



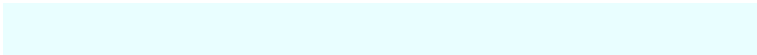
91.9632, 96.0754, 116.9336

Square

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



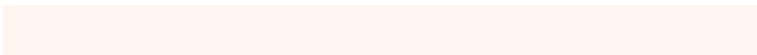
88.7113, 96.0754, 95.5302



88.0888, 96.0754, 112.3261



93.9728, 96.0754, 114.2472



94.6226, 96.0754, 97.2552

Rectangle

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



88.7113, 96.0754, 95.5302



87.1872, 96.0754, 104.3676



93.9728, 96.0754, 114.2472



95.5747, 96.0754, 104.8523

Sweetspot

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



88.7140, 96.0795, 95.5323



93.3074, 99.1952, 104.5891



89.0474, 93.0298, 94.9261



19.9899, 21.2403, 22.4315



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.



88.7140, 96.0795, 95.5323



89.0992, 97.2490, 94.3106



86.3047, 94.8375, 95.4195



18.9652, 20.7663, 19.9310



23.4662, 39.8354, 6.4522



2.4108, 3.9436, 0.6341

Inverse Universe

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



86.6059, 88.4203, 105.4357



86.4111, 87.4823, 106.9391



89.1078, 89.7101, 105.5528



18.3428, 18.5050, 22.8550



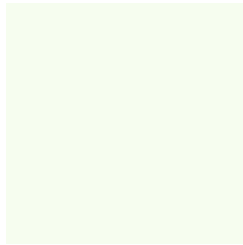
14.2197, 6.2410, 49.8898



1.5105, 0.6726, 4.8635

Previews

White Background



This preview shows how the XYZ color 88.7113, 96.0754, 95.5302 looks on a white background.

Color Contrast Check

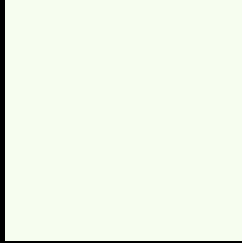
Large Text (above 18pt) WCAG AA × Fail

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 88.7113, 96.0754, 95.5302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

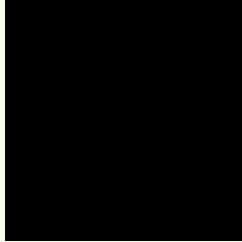
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

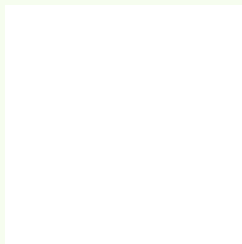
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.7113, 96.0754, 95.5302

Background



This preview shows how black text looks on a background with the XYZ color 88.7113, 96.0754, 95.5302.

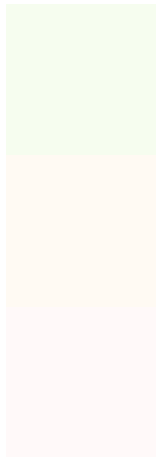


This preview shows how white text looks on a background with the XYZ color 88.7113, 96.0754,

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

88.7113, 96.0754, 95.5302

Protanopia

91.6033, 96.1023, 98.5156

Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

91.6599, 95.9152, 108.2902

Trichromacy



Original Color

88.7113, 96.0754, 95.5302

Protanomaly

90.6691, 96.1006, 97.7749

Deuteranomaly

90.8119, 95.6592, 100.0640

Tritanomaly

90.6630, 95.9737, 103.3688

Monochromacy



Original Color

88.7113, 96.0754, 95.5302

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.3784, 94.9202, 99.9969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7113, 96.0754, 95.5302 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(246, 253, 239) looks like.

```
.text, #text, p{  
    color:rgb(246, 253, 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(246, 253, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 253, 239) }
```

Border

The CSS property to change the border of an element to XYZ 88.7113, 96.0754, 95.5302 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(246, 253, 239) }
```


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

```
.border{ border-color:rgb(246, 253, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 253, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 253, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 253, 239);  
box-shadow:4px 4px 4px 4px rgb(246, 253,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7113, 96.0754, 95.5302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 253, 239) }
```

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

```
.background{ background-color: rgb(246,  
253, 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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