

Converting Colors

XYZ(84.9303, 91.6157, 95.2881)

Have a look what the booklet for
XYZ(84.9303, 91.6157, 95.2881)
contains.

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Color

**XYZ(85.2308, 91.9513,
95.6943)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F8F0
RGB	240, 248, 240
RGB Percent	94%, 97%, 94%
CMY	0.0588, 0.0274, 0.0588
CMYK	0.03, 0.00, 0.03, 0.03
HSL	120°, 36%, 96%
HSV	120°, 3%, 97%
XYZ	85.2308, 91.9513, 95.6943
YIQ	244.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

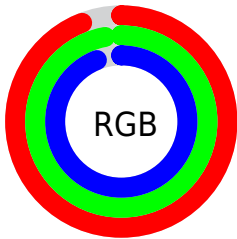
Format	Color
R _Y B	240, 248, 248
Decimal	15792368
CIE Lab	96.80, -4.05, 2.91
CIE LCh	97, 4.987, 144.320
Yxy	91.9513, 0.3123, 0.3370
Android (android.graphics.Color)	4293982448 (0xFF0F8F0)
YUV	244.6960, -2.3151, -4.1184
Hunter-Lab	95.8912, -9.1539, 7.9556

Details

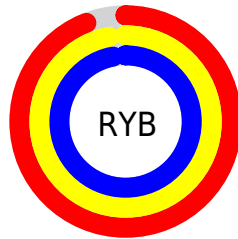
The XYZ color 85.2308, 91.9513, 95.6943 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.8181, 89.0564, 101.4253, and the grayscale version is 86.5683, 91.0766, 99.1824.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 47.2685, 51.3503, 52.7677 is the 20% darker color. If you saturate the color by 10%, you get 73.9443, 86.5325, 77.2308, and if you desaturate by 10%, it is 92.8591, 95.6183, 108.1697.

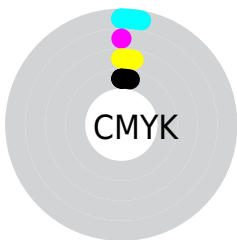
Distribution



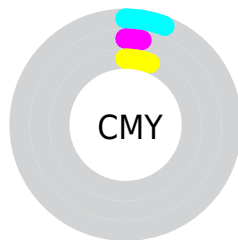
- Red (94%)
- Green (97%)
- Blue (94%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.2308, 91.9513, 95.6943 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 85.2308, 91.9513, 95.6943 by changing the saturation by 10% instead.

 85.2308, 91.9513,
95.6943

 85.2308, 91.9513,
95.6943


500.8636,
534.3581, 567.4263

 64.3552, 69.6002,
72.1129

139.6080,
150.0459, 157.2273

 47.2012, 51.2007,
52.7635


173.8403,
186.5582, 196.0159

 33.4034, 36.3683,
37.2276


213.2555,
228.5596, 240.7108

 22.5963, 24.7188,
25.0866

258.2191,
276.4346, 291.7303

 14.4148, 15.8677,
15.9220

309.0963,
330.5675, 349.4931

 8.4933, 9.4306,
9.3152

366.2526,

 4.4667, 5.0231,

391.3429, 414.4177

4.8477

430.0533,
459.1449, 486.9226

■ 1.9694, 2.2608,
2.1010

■ 0.6167, 0.7528,
0.6164

■ 85.2308, 91.9513,
95.6943

■ 85.2308, 91.9513,
95.6943

■ 73.9443, 86.5325,
77.2308

■ 92.8591, 95.6183,
108.1697

■ 64.2428, 81.8724,
61.3621

■ 56.0577, 77.9407,
47.9739

■ 49.3125, 74.7006,
36.9408

■ 43.9239, 72.1122,
28.1267

■ 39.8001, 70.1313,
21.3815

■ 36.8380, 68.7085,
16.5365

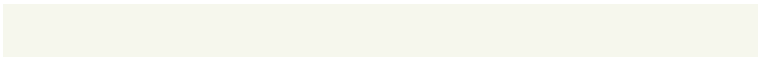
■ 34.9184, 67.7864,
13.3966

■ 33.8963, 67.2954,
11.7248

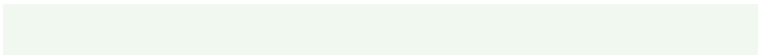
Harmonies

Analogous

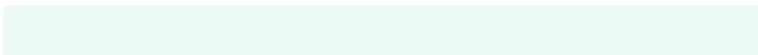
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2942, 91.9513, 93.2641



85.2308, 91.9513, 95.6943



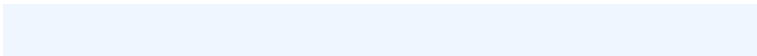
84.7483, 91.9513, 99.3590

Triad

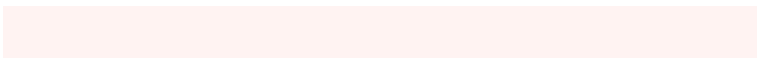
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2308, 91.9513, 95.6943



87.1311, 91.9513, 107.9800



89.8704, 91.9513, 96.9811

Complementary

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



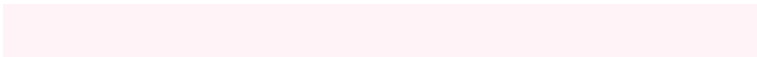
85.2308, 91.9513, 95.6943



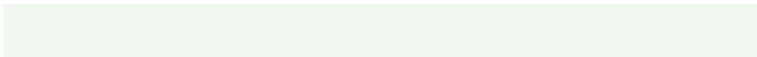
86.8181, 89.0564, 101.4253

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.



90.1002, 91.9513, 100.8835



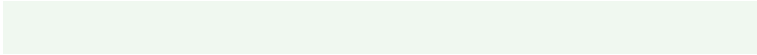
85.2308, 91.9513, 95.6943



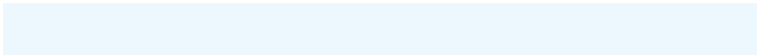
88.5091, 91.9513, 107.3025

Square

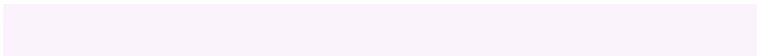
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



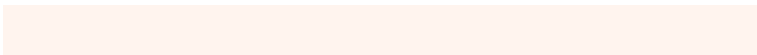
85.2308, 91.9513, 95.6943



85.8379, 91.9513, 106.5062



89.5995, 91.9513, 104.6787



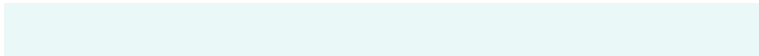
88.9748, 91.9513, 93.9931

Rectangle

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



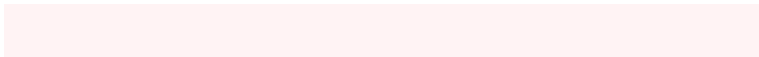
85.2308, 91.9513, 95.6943



84.8172, 91.9513, 102.0362



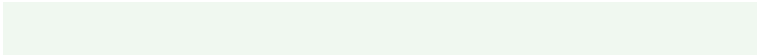
89.5995, 91.9513, 104.6787



90.0285, 91.9513, 98.2266

Sweetspot

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



85.2334, 91.9552, 95.6963



93.7102, 99.3564, 106.7084



87.9700, 93.3052, 95.8126



20.0720, 21.2731, 22.8631



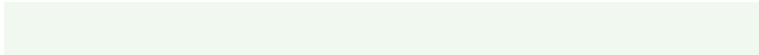
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

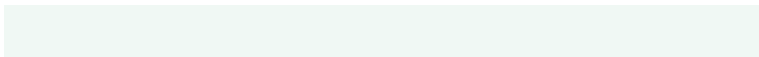
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2334, 91.9552, 95.6963



89.7974, 97.4769, 100.3083



85.8144, 92.1876, 98.7558



18.2062, 19.8803, 20.2369



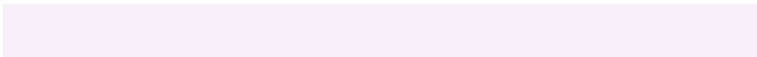
18.1331, 36.2663, 6.0444



1.6794, 3.3589, 0.5598

Inverse Universe

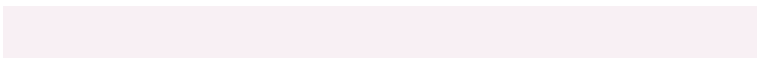
The Inverse Universe completely reimagines the original color for something new.



86.8181, 89.0564, 101.4253



91.8819, 93.6639, 107.8440



86.2240, 88.8187, 98.2964



18.7101, 18.9585, 22.0585



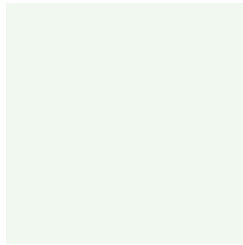
30.0643, 14.4414, 49.1765



2.7845, 1.3375, 4.5546

Previews

White Background



This preview shows how the XYZ color 85.2308, 91.9513, 95.6943 looks on a white background.

Color Contrast Check

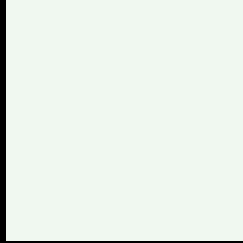
Large Text (above 18pt) WCAG AA × Fail

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 85.2308, 91.9513, 95.6943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

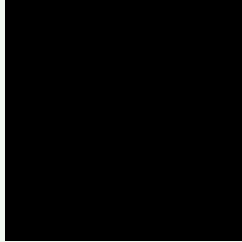
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

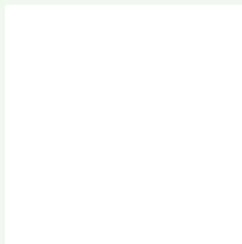
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2308, 91.9513, 95.6943

Background



This preview shows how black text looks on a background with the XYZ color 85.2308, 91.9513, 95.6943.



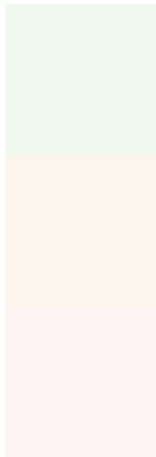
This preview shows how white text looks on a background with the XYZ color 85.2308, 91.9513,

95.6943.

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

85.2308, 91.9513, 95.6943

Protanopia

88.2299, 92.1733, 94.0299

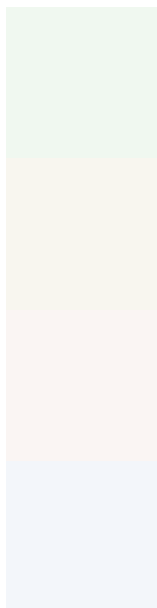
Deuteranopia

89.6197, 91.8928, 98.6016

Tritanopia

88.3586, 91.9373, 107.6964

Trichromacy



Original Color

85.2308, 91.9513, 95.6943

Protanomaly

87.2472, 92.1000, 94.8400

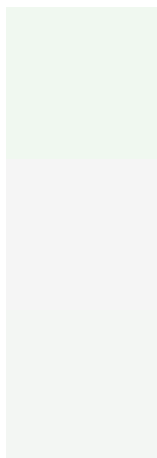
Deuteranomaly

88.2544, 92.0999, 97.9196

Tritanomaly

87.1732, 91.8683, 103.5803

Monochromacy



Original Color

85.2308, 91.9513, 95.6943

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.0956, 91.4373, 97.9055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2308, 91.9513, 95.6943 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(240, 248, 240) looks like.

```
.text, #text, p{  
    color:rgb(240, 248, 240)  
}
```

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(240, 248, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 248, 240) }
```

Border

The CSS property to change the border of an element to XYZ 85.2308, 91.9513, 95.6943 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(240, 248, 240) }
```


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

```
.border{ border-color:rgb(240, 248, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 248, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 248, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 248, 240);  
box-shadow:4px 4px 4px 4px rgb(240, 248,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2308, 91.9513, 95.6943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 248, 240) }
```

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

```
.background{ background-color: rgb(240,  
248, 240) }
```

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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