

Converting Colors

XYZ(85.1933, 92.1577, 94.3661)

Have a look what the booklet for
XYZ(85.1933, 92.1577, 94.3661)
contains.

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Color

**XYZ(84.9352, 91.8331,
94.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F8EE
RGB	240, 248, 238
RGB Percent	94%, 97%, 93%
CMY	0.0588, 0.0274, 0.0667
CMYK	0.03, 0.00, 0.04, 0.03
HSL	108°, 42%, 95%
HSV	108°, 4%, 97%
XYZ	84.9352, 91.8331, 94.1379
YIQ	244.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

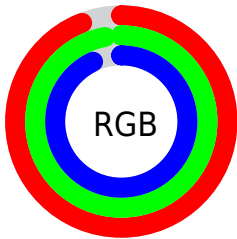
Format	Color
R _Y B	238, 248, 246
Decimal	15792366
CIE Lab	96.75, -4.40, 3.87
CIE LCh	97, 5.860, 138.672
Yxy	91.8331, 0.3135, 0.3390
Android (android.graphics.Color)	4293982446 (0xFFFF0F8EE)
YUV	244.4680, -3.1887, -3.9184
Hunter-Lab	95.8296, -9.4946, 8.8374

Details

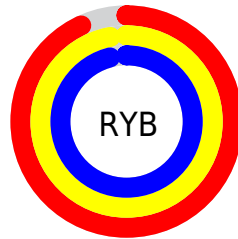
The XYZ color **84.9352, 91.8331, 94.1379** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.5274, 87.5217, 101.1972**, and the grayscale version is **86.3918, 90.8909, 98.9801**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0603, 51.2670, 51.6712** is the 20% darker color. If you saturate the color by 10%, you get **75.1682, 87.1931, 75.9529**, and if you desaturate by 10%, it is **92.8592, 95.6184, 108.1697**.

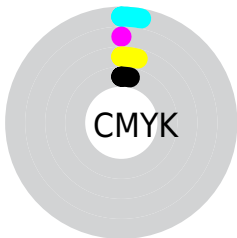
Distribution



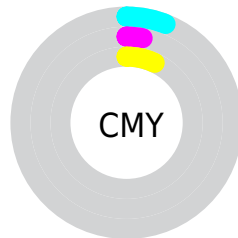
- Red (94%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (96%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (6%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.9352, 91.8331, 94.1379 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 84.9352, 91.8331, 94.1379 by changing the saturation by 10% instead.

84.9352, 91.8331,
94.1379

84.9352, 91.8331,
94.1379

499.9005,
533.9760, 562.3150

64.1102, 69.5020,
70.8247

139.1971,
149.8821, 155.0584

47.0019, 51.1207,
51.7182

173.3647,
186.3687, 193.5027

33.2451, 36.3046,
36.3998

212.7106,
228.3427, 237.8279

22.4744, 24.6696,
24.4510

257.6000,
276.1883, 288.4525

14.3245, 15.8310,
15.4532

308.3983,
330.2901, 345.7949

8.4299, 9.4047,
8.9879

365.4709,

4.4253, 5.0061,

391.0324, 410.2738

4.6366

429.1832,
458.7995, 482.3077

■ 1.9455, 2.2508,
1.9807

■ 0.6031, 0.7475,
0.5434

■ 84.9352, 91.8331,
94.1379

■ 84.9352, 91.8331,
94.1379

■ 75.1682, 87.1931,
75.9529

■ 92.8592, 95.6184,
108.1697

■ 66.5934, 83.1094,
60.3356

■ 59.1666, 79.5644,
47.1719

■ 52.8382, 76.5352,
36.3373

■ 47.5547, 73.9973,
27.6958

■ 43.2580, 71.9239,
21.0977

■ 39.8841, 70.2856,
16.3744

■ 37.3609, 69.0496,
13.3305

■ 35.6041, 68.1776,
11.7274

Harmonies

Analogous

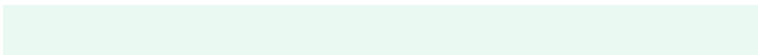
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2777, 91.8331, 91.6671



84.9352, 91.8331, 94.1379



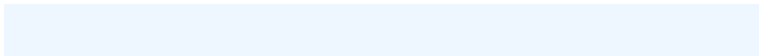
84.2255, 91.8331, 98.2252

Triad

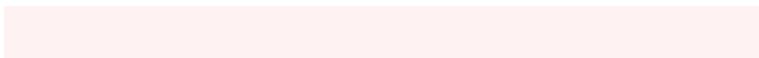
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9352, 91.8331, 94.1379



86.6660, 91.8331, 109.1208



90.3098, 91.8331, 97.1237

Complementary

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



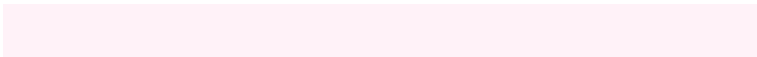
84.9352, 91.8331, 94.1379



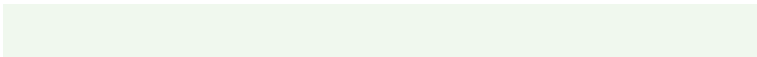
85.5274, 87.5217, 101.1972

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.



90.4169, 91.8331, 101.7771



84.9352, 91.8331, 94.1379



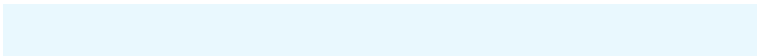
88.2993, 91.8331, 108.8033

Square

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



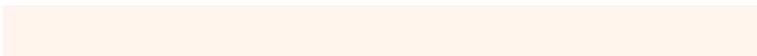
84.9352, 91.8331, 94.1379



85.2163, 91.8331, 106.9353



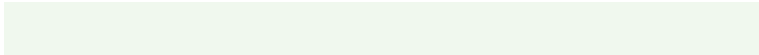
89.6769, 91.8331, 106.0811



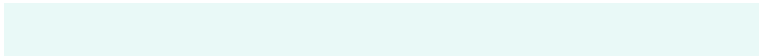
89.3861, 91.8331, 93.3533

Rectangle

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



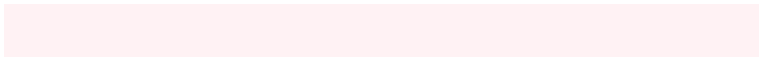
84.9352, 91.8331, 94.1379



84.2007, 91.8331, 101.3602



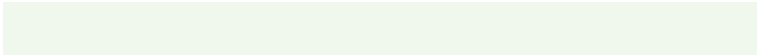
89.6769, 91.8331, 106.0811



90.4429, 91.8331, 98.6335

Sweetspot

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



84.9378, 91.8370, 94.1399



93.8955, 99.4519, 106.7171



87.1036, 92.0452, 94.0659



20.1097, 21.2926, 22.8649



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

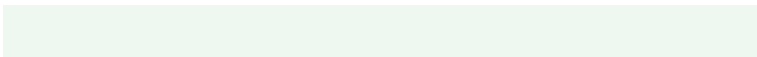
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9378, 91.8370, 94.1399



89.4106, 97.3221, 98.2740



84.7073, 91.6669, 96.4503



18.1660, 19.8681, 19.8471



18.9222, 36.6730, 6.0813



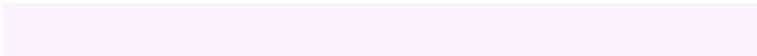
1.8344, 3.4387, 0.5671

Inverse Universe

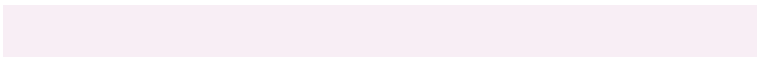
The Inverse Universe completely reimagines the original color for something new.



85.5274, 87.5217, 101.1972



90.1851, 91.6530, 107.5453



85.7706, 87.7005, 98.7971



18.3458, 18.5521, 21.9993



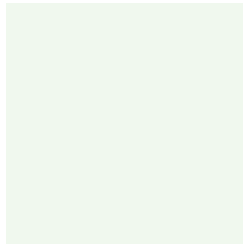
21.9113, 10.2384, 48.7949



2.1127, 0.9912, 4.5231

Previews

White Background



This preview shows how the XYZ color 84.9352, 91.8331, 94.1379 looks on a white background.

Color Contrast Check

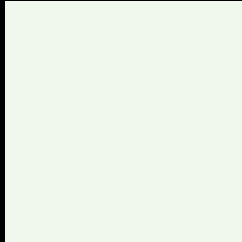
Large Text (above 18pt) WCAG AA × Fail

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 84.9352, 91.8331, 94.1379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

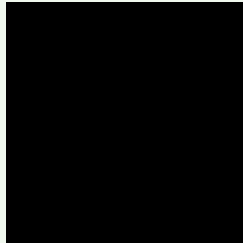
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

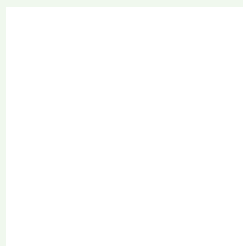
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.9352, 91.8331, 94.1379

Background



This preview shows how black text looks on a background with the XYZ color 84.9352, 91.8331, 94.1379.



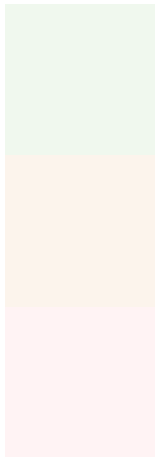
This preview shows how white text looks on a background with the XYZ color 84.9352, 91.8331,

94.1379.

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

84.9352, 91.8331, 94.1379

Protanopia

87.6359, 91.4529, 92.3902

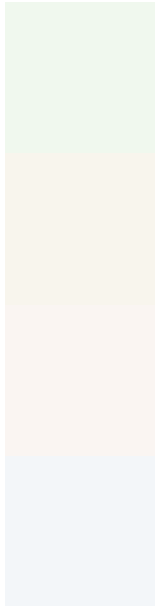
Deuteranopia

89.6197, 91.8928, 98.6016

Tritanopia

88.3586, 91.9373, 107.6964

Trichromacy



Original Color

84.9352, 91.8331, 94.1379

Protanomaly

86.6499, 91.3757, 93.1911

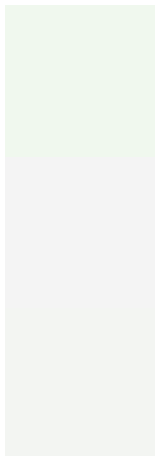
Deuteranomaly

88.1038, 92.0396, 97.1263

Tritanomaly

87.0168, 91.8058, 102.7565

Monochromacy



Original Color

84.9352, 91.8331, 94.1379

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.6416, 90.7703, 97.0110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9352, 91.8331, 94.1379 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, 238) looks like.

```
.text, #text, p{  
    color:rgb(240, 248, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 248, 238) }
```

Border

The CSS property to change the border of an element to XYZ 84.9352, 91.8331, 94.1379 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, 238) }
```


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

```
.border{ border-color:rgb(240, 248, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 248, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 248, 238);  
box-shadow:4px 4px 4px 4px rgb(240, 248,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9352, 91.8331, 94.1379 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, 238) }
```

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

```
.background{ background-color: rgb(240,  
248, 238) }
```

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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