

Converting Colors

XYZ(84.9826, 90.8261, 91.6366)

Have a look what the booklet for
XYZ(84.9826, 90.8261, 91.6366)
contains.

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Color

**XYZ(85.2594, 91.1428,
91.6959)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F6EB
RGB	244, 246, 235
RGB Percent	96%, 96%, 92%
CMY	0.0431, 0.0353, 0.0784
CMYK	0.01, 0.00, 0.04, 0.04
HSL	71°, 38%, 94%
HSV	71°, 4%, 96%
XYZ	85.2594, 91.1428, 91.6959
YIQ	244.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

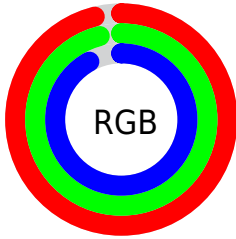
Format	Color
R _Y B	235, 246, 237
Decimal	16053995
CIE Lab	96.47, -2.57, 5.04
CIE LCh	96, 5.659, 116.981
Yxy	91.1428, 0.3180, 0.3400
Android (android.graphics.Color)	4294244075 (0xFFFF4F6EB)
YUV	244.1480, -4.5100, -0.1298
Hunter-Lab	95.4687, -7.6589, 9.8812

Details

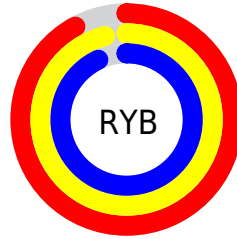
The XYZ color 85.2594, 91.1428, 91.6959 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.2714, 84.0774, 99.1386, and the grayscale version is 86.1434, 90.6295, 98.6956.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 47.2892, 50.7730, 49.9556 is the 20% darker color. If you saturate the color by 10%, you get 80.4130, 89.0297, 74.1814, and if you desaturate by 10%, it is 89.8903, 93.1799, 107.8555.

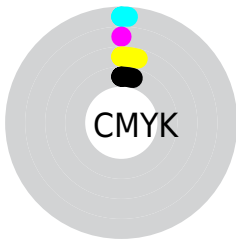
Distribution



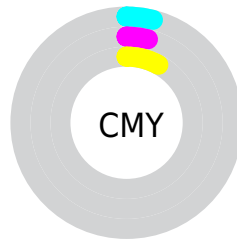
- Red (96%)
- Green (96%)
- Blue (92%)



- Red (92%)
- Yellow (96%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2594, 91.1428, 91.6959 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 85.2594, 91.1428, 91.6959 by changing the saturation by 10% instead.

85.2594, 91.1428,
91.6959

85.2594, 91.1428,
91.6959

500.9568,
531.7414, 554.2441

64.3790, 68.9289,
68.8065

139.6477,
148.9248, 151.6479

47.2205, 50.6538,
50.0833

173.8863,
185.2616, 189.5475

33.4187, 35.9331,
35.1080

213.3082,
227.0749, 233.2876

22.6081, 24.3826,
23.4618

258.2790,
274.7490, 283.2867

14.4235, 15.6177,
14.7264

309.1638,
328.6683, 339.9634

8.4995, 9.2540,
8.4831

366.3282,

4.4707, 4.9072,

389.2172, 403.7361

4.3134

430.1374,
456.7801, 475.0235

■ 1.9717, 2.1929,
1.7988

■ 0.6180, 0.7161,
0.4272

■ 85.2594, 91.1428,
91.6959

■ 85.2594, 91.1428,
91.6959

■ 80.4130, 89.0297,
74.1814

■ 89.8903, 93.1799,
107.8555

■ 76.0732, 87.1207,
59.1498

■ 91.5024, 94.0110,
107.9310

■ 72.2207, 85.4109,
46.4903

■ 92.2476, 94.3951,
107.9659

■ 68.8324, 83.8910,
36.0812

■ 65.8826, 82.5508,
27.7904

■ 63.3435, 81.3791,
21.4715

■ 61.1835, 80.3631,
16.9600

■ 59.3659, 79.4883,
14.0643

■ 57.8459, 78.7367,
12.5502

Harmonies

Analogous

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



86.7884, 91.1428, 90.8131



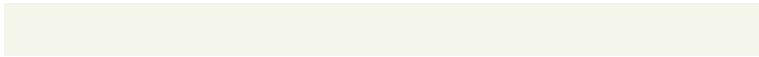
85.2594, 91.1428, 91.6959



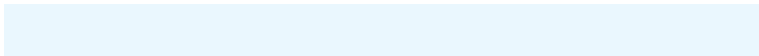
84.1096, 91.1428, 94.5794

Triad

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



85.2594, 91.1428, 91.6959



84.9858, 91.1428, 106.7038



89.6935, 91.1428, 99.6974

Complementary

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



85.2594, 91.1428, 91.6959



81.2714, 84.0774, 99.1386

Split Complementary

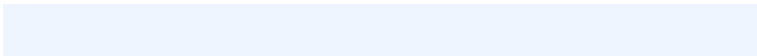
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1972, 91.1428, 104.0492



85.2594, 91.1428, 91.6959



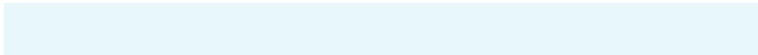
86.4688, 91.1428, 108.1706

Square

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



85.2594, 91.1428, 91.6959



83.9530, 91.1428, 103.2333



88.0122, 91.1428, 107.1849



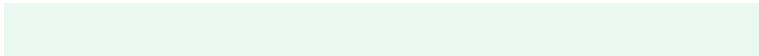
89.3603, 91.1428, 95.3491

Rectangle

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



85.2594, 91.1428, 91.6959



83.7062, 91.1428, 97.2945



88.0122, 91.1428, 107.1849



89.6180, 91.1428, 101.2092

Sweetspot

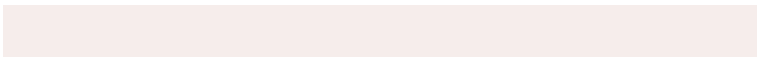
The Sweet Spot groups the original color and five complimentary colors.



85.2619, 91.1467, 91.6979



94.4714, 99.7489, 106.7441



83.2404, 86.0655, 90.8236



20.2269, 21.3530, 22.8703



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.



85.2619, 91.1467, 91.6979



92.2153, 98.7680, 98.4053



83.4384, 90.2067, 91.6125



18.0004, 19.3260, 19.0181



30.5847, 41.8798, 6.4716



2.7634, 3.7196, 0.5723

Inverse Universe

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



81.2714, 84.0774, 99.1386



87.3838, 90.2089, 107.4142



83.0783, 85.0089, 99.2232



16.9297, 17.4294, 21.0145



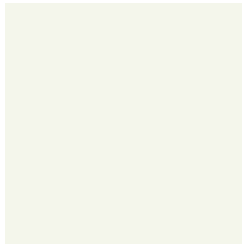
9.5356, 3.8901, 46.7863



0.9142, 0.3812, 4.1156

Previews

White Background



This preview shows how the XYZ color 85.2594, 91.1428, 91.6959 looks on a white background.

Color Contrast Check

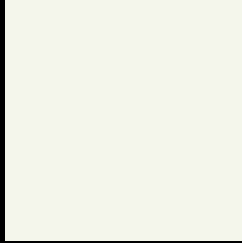
Large Text (above 18pt) WCAG AA × Fail

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 85.2594, 91.1428, 91.6959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

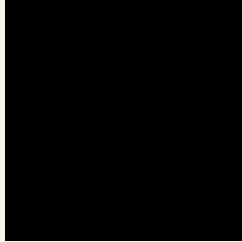
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

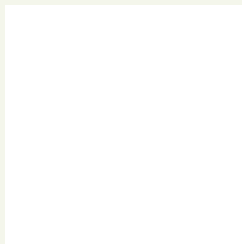
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2594, 91.1428, 91.6959

Background



This preview shows how black text looks on a background with the XYZ color 85.2594, 91.1428, 91.6959.



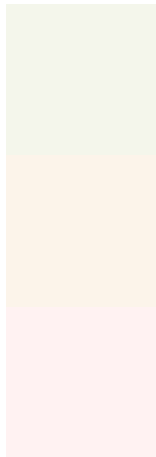
This preview shows how white text looks on a background with the XYZ color 85.2594, 91.1428,

91.6959.

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

85.2594, 91.1428, 91.6959

Protanopia

87.3469, 91.3373, 90.8681

Deuteranopia

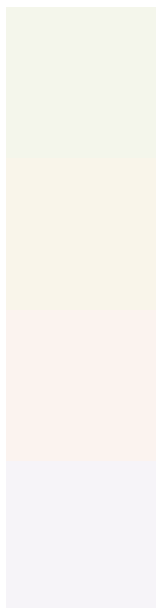
89.0191, 91.1751, 96.9111



Tritanopia

88.4584, 91.0953, 107.5286

Trichromacy



Original Color

85.2594, 91.1428, 91.6959

Protanomaly

86.5706, 91.3851, 90.9182

Deuteranomaly

87.4142, 90.8424, 94.5885

Tritanomaly

87.3000, 91.0715, 101.7843

Monochromacy



Original Color

85.2594, 91.1428, 91.6959

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.8378, 90.8888, 96.2382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2594, 91.1428, 91.6959 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(244, 246, 235) looks like.

```
.text, #text, p{  
    color:rgb(244, 246, 235)  
}
```

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(244, 246, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 246, 235) }
```

Border

The CSS property to change the border of an element to XYZ 85.2594, 91.1428, 91.6959 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(244, 246, 235) }
```


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

```
.border{ border-color:rgb(244, 246, 235) }
```

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

Here you see how a box with a 4 pixel rgb(244, 246, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 246, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 246, 235);  
box-shadow:4px 4px 4px 4px rgb(244, 246,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2594, 91.1428, 91.6959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 246, 235) }
```

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

```
.background{ background-color: rgb(244,  
246, 235) }
```

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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