

Converting Colors

XYZ(84.5256, 90.4026, 91.9118)

Have a look what the booklet for
XYZ(84.5256, 90.4026, 91.9118)
contains.

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Color

**XYZ(84.2658, 90.1802,
91.5625)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2F5EB |
| RGB | 242, 245, 235 |
| RGB Percent | 95%, 96%, 92% |
| CMY | 0.0510, 0.0392, 0.0784 |
| CMYK | 0.01, 0.00, 0.04, 0.04 |
| HSL | 78°, 33%, 94% |
| HSV | 78°, 4%, 96% |
| XYZ | 84.2658, 90.1802, 91.5625 |
| YIQ | 242.9630, 1.4220, -3.7460 |

Conversions

Conversions Part 2

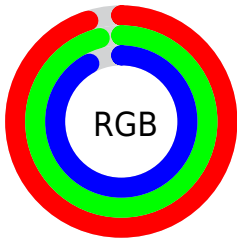
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 235, 245, 238 |
| Decimal | 15922667 |
| CIE Lab | 96.07, -2.74, 4.45 |
| CIE LCh | 96, 5.223, 121.580 |
| Yxy | 90.1802, 0.3168, 0.3390 |
| Android (android.graphics.Color) | 4294112747 (0xFFFF2F5EB) |
| YUV | 242.9630, -3.9258, -0.8446 |
| Hunter-Lab | 94.9633, -7.7934, 9.3075 |

Details

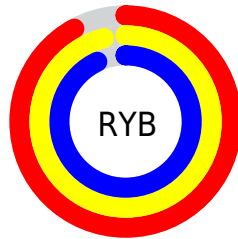
The XYZ color **84.2658, 90.1802, 91.5625** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.4530, 84.1888, 98.3478**, and the grayscale version is **85.1936, 89.6304, 97.6075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5840, 50.0890, 49.8607** is the 20% darker color. If you saturate the color by 10%, you get **78.4932, 87.5882, 74.0698**, and if you desaturate by 10%, it is **89.8991, 92.7341, 107.7690**.

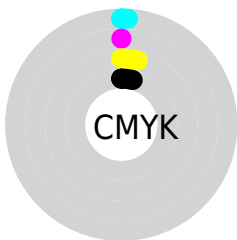
Distribution



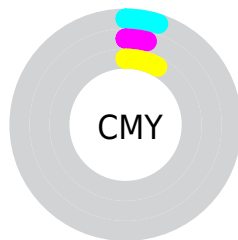
- Red (95%)
- Green (96%)
- Blue (92%)



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



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



- Cyan (5%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.2658, 90.1802, 91.5625 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 84.2658, 90.1802, 91.5625 by changing the saturation by 10% instead.

84.2658, 90.1802,
91.5625

84.2658, 90.1802,
91.5625

497.7158,
528.6169, 553.8013

63.5554, 68.1301,
68.6963

138.2663,
147.5887, 151.4613

46.5510, 50.0036,
49.9942

172.2870,
183.7158, 189.3310

32.8873, 35.4163,
35.0376

211.4752,
225.3042, 233.0390

22.1989, 23.9837,
23.4081

256.1962,
272.7380, 283.0037

14.1206, 15.3215,
14.6870

306.8155,
326.4018, 339.6437

8.2868, 9.0454,
8.4558

363.6982,

4.3324, 4.7708,

386.6800, 403.3777

4.2961

427.2099,
453.9569, 474.6240

■ 1.8918, 2.1134,
1.7891

■ 0.5721, 0.6721,
0.4208

■ 84.2658, 90.1802,
91.5625

■ 84.2658, 90.1802,
91.5625

■ 78.4932, 87.5882,
74.0698

■ 89.8991, 92.7341,
107.7690

■ 73.2863, 85.2311,
59.0434

■ 91.9441, 93.7883,
107.8647

■ 68.6253, 83.1039,
46.3736

■ 64.4862, 81.1967,
35.9405

■ 60.8429, 79.4991,
27.6134

■ 57.6668, 77.9993,
21.2482

■ 54.9258, 76.6845,
16.6826

■ 52.5829, 75.5396,
13.7284

■ 50.5930, 74.5466,
12.1557

Harmonies

Analogous

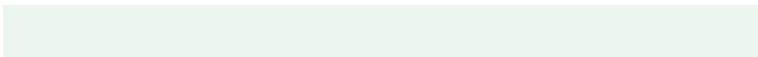
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6369, 90.1802, 90.4445



84.2658, 90.1802, 91.5625



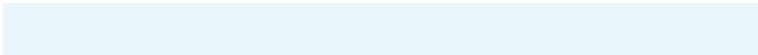
83.2915, 90.1802, 94.4498

Triad

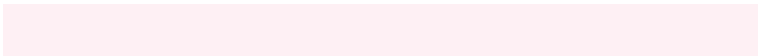
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2658, 90.1802, 91.5625



84.3971, 90.1802, 105.3616



88.5230, 90.1802, 97.9716

Complementary

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



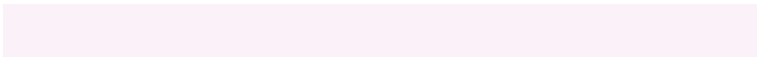
84.2658, 90.1802, 91.5625



81.4530, 84.1888, 98.3478

Split Complementary

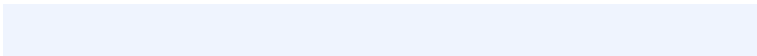
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1821, 90.1802, 102.0295



84.2658, 90.1802, 91.5625



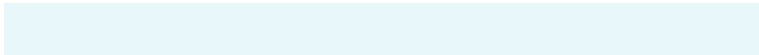
85.7902, 90.1802, 106.3675

Square

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



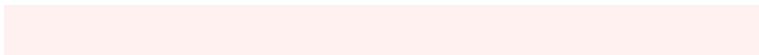
84.2658, 90.1802, 91.5625



83.3668, 90.1802, 102.4201



87.1778, 90.1802, 105.1317



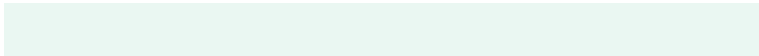
88.1040, 90.1802, 94.0798

Rectangle

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



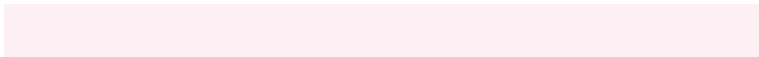
84.2658, 90.1802, 91.5625



82.9926, 90.1802, 97.0295



87.1778, 90.1802, 105.1317



88.4934, 90.1802, 99.3615

Sweetspot

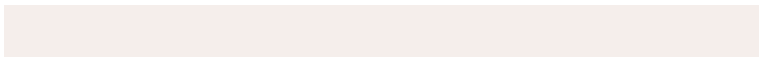
The Sweet Spot groups the original color and five complimentary colors.



84.2683, 90.1841, 91.5645



94.3609, 99.6919, 106.7389



83.2292, 86.5626, 90.9202



20.2044, 21.3414, 22.8693



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.



84.2683, 90.1841, 91.5645



91.6700, 98.4869, 98.3797



82.5757, 89.3115, 91.4852



17.8792, 19.2636, 19.0125



26.8350, 39.9467, 6.2961



2.4620, 3.5643, 0.5582

Inverse Universe

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



81.4530, 84.1888, 98.3478



87.9102, 90.4803, 107.4388



83.1550, 85.0662, 98.4275



17.0461, 17.4894, 21.0199



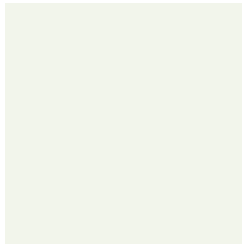
10.5041, 4.3894, 46.8316



1.0226, 0.4370, 4.1207

Previews

White Background



This preview shows how the XYZ color 84.2658, 90.1802, 91.5625 looks on a white background.

Color Contrast Check

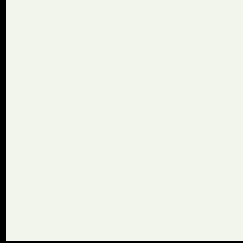
Large Text (above 18pt) WCAG AA × Fail

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 84.2658, 90.1802, 91.5625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

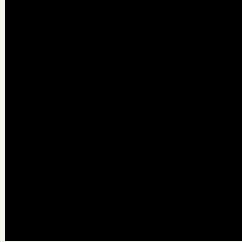
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

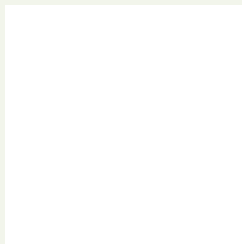
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.2658, 90.1802, 91.5625

Background



This preview shows how black text looks on a background with the XYZ color 84.2658, 90.1802, 91.5625.



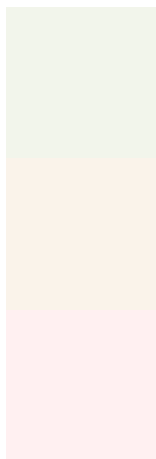
This preview shows how white text looks on a background with the XYZ color 84.2658, 90.1802,

91.5625.

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

84.2658, 90.1802, 91.5625

Protanopia

86.3262, 90.3657, 90.7343

Deuteranopia

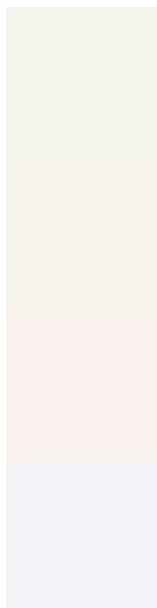
88.2773, 89.9311, 95.9248



Tritanopia

87.4583, 90.1367, 107.3963

Trichromacy



Original Color

84.2658, 90.1802, 91.5625

Protanomaly

85.5597, 90.4160, 90.7845

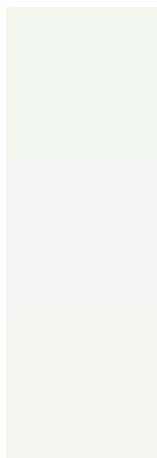
Deuteranomaly

86.7565, 90.0602, 94.4722

Tritanomaly

86.3021, 90.1116, 101.6516

Monochromacy



Original Color

84.2658, 90.1802, 91.5625

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.0410, 90.0473, 95.3368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2658, 90.1802, 91.5625 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(242, 245, 235) looks like.

```
.text, #text, p{  
    color:rgb(242, 245, 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(242, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 245, 235) }
```

Border

The CSS property to change the border of an element to XYZ 84.2658, 90.1802, 91.5625 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(242, 245, 235) }
```


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

```
.border{ border-color:rgb(242, 245, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 245, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(242, 245,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2658, 90.1802, 91.5625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 245, 235) }
```

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

```
.background{ background-color: rgb(242,  
245, 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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