

Converting Colors

XYZ(83.8642, 85.5146, 91.4780)

Have a look what the booklet for
XYZ(83.8642, 85.5146, 91.4780)
contains.

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Color

**XYZ(83.9156, 85.6125,
91.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EBEC
RGB	249, 235, 236
RGB Percent	98%, 92%, 93%
CMY	0.0235, 0.0784, 0.0745
CMYK	0.00, 0.06, 0.05, 0.02
HSL	356°, 54%, 95%
HSV	356°, 6%, 98%
XYZ	83.9156, 85.6125, 91.4589
YIQ	239.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

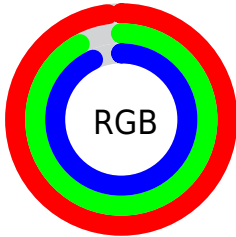
Format	Color
R _{YB}	249, 235, 236
Decimal	16378860
CIE Lab	94.15, 4.90, 1.20
CIE LCh	94, 5.041, 13.791
Yxy	85.6125, 0.3215, 0.3280
Android (android.graphics.Color)	4294568940 (0xFFFF9EBEC)
YUV	239.3000, -1.6269, 8.5069
Hunter-Lab	92.5270, -0.0352, 6.1634

Details

The XYZ color **83.9156, 85.6125, 91.4589** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.0832, 92.1931, 102.1223**, and the grayscale version is **82.2877, 86.5731, 94.2781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3506, 46.8729, 49.7845** is the 20% darker color. If you saturate the color by 10%, you get **74.1343, 71.0831, 72.6795**, and if you desaturate by 10%, it is **92.8775, 98.8800, 108.7983**.

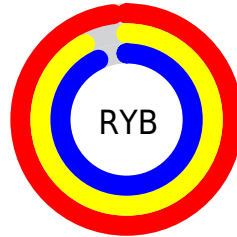
Distribution



Red (98%)

Green (92%)

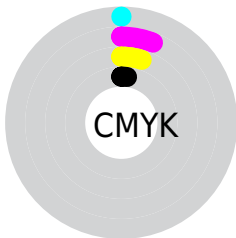
Blue (93%)



Red (98%)

Yellow (92%)

Blue (93%)

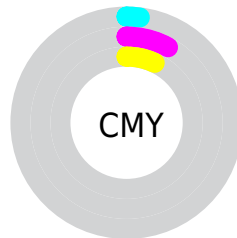


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (2%)



Cyan (2%)


Magenta (8%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.9156, 85.6125, 91.4589 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 83.9156, 85.6125, 91.4589 by changing the saturation by 10% instead.


 83.9156, 85.6125,
91.4589

 83.9156, 85.6125,
91.4589

496.5708,
513.6526, 553.4573

 63.2652, 64.3476,
68.6108


137.7790,
141.2286, 151.3164

 46.3153, 46.9323,
49.9250


171.7227,
176.3486, 189.1628

 32.7003, 32.9821,
34.9830


210.8282,
216.8558, 232.8458

 22.0551, 22.1127,
23.3664

255.4610,
263.1345, 282.7838

 14.0142, 13.9398,
14.6564

305.9862,
315.5691, 339.3955

 8.2123, 8.0788,
8.4347

362.7694,

 4.2841, 4.1454,

374.5441, 403.0992

4.2826

426.1758,
440.4438, 474.3137

■ 1.8641, 1.7552,
1.7816

■ 0.5558, 0.4590,
0.4158

■ 83.9156, 85.6125,
91.4589

■ 83.9156, 85.6125,
91.4589

■ 74.1343, 71.0831,
72.6795

■ 92.8775, 98.8800,
108.7983

■ 65.7258, 58.6305,
56.4217

■ 58.6309, 48.1635,
42.5797

■ 52.7830, 39.5792,
31.0383

■ 48.1100, 32.7660,
21.6726

■ 44.5322, 27.6000,
14.3460

■ 41.9600, 23.9419,
8.9063

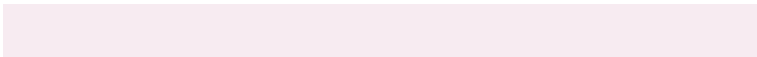
■ 40.2894, 21.6288,
5.1802

■ 39.3938, 20.4603,
2.9619

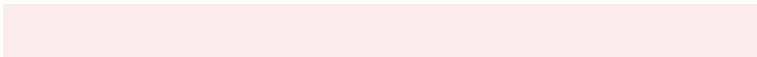
Harmonies

Analogous

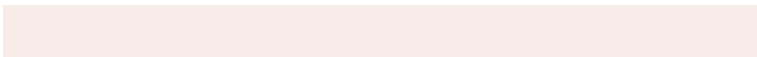
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.8867, 85.6125, 95.3051



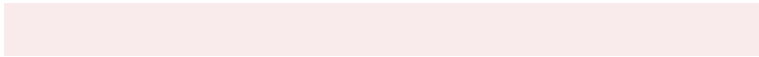
83.9156, 85.6125, 91.4589



83.2577, 85.6125, 88.1738

Triad

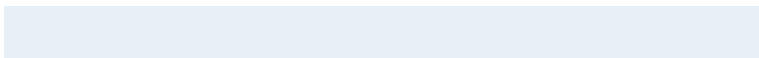
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9156, 85.6125, 91.4589



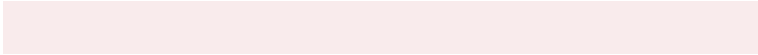
79.5914, 85.6125, 87.9605



80.6507, 85.6125, 100.5294

Complementary

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



83.9156, 85.6125, 91.4589



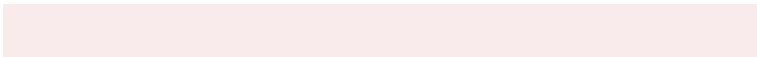
85.0832, 92.1931, 102.1223

Split Complementary

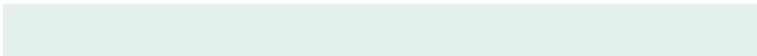
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5152, 85.6125, 98.4499



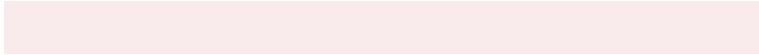
83.9156, 85.6125, 91.4589



78.9083, 85.6125, 91.1605

Square

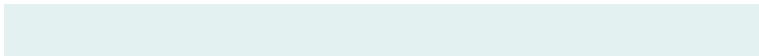
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.9156, 85.6125, 91.4589



80.7557, 85.6125, 86.1920



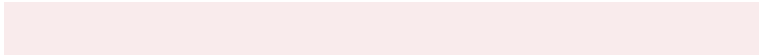
78.8805, 85.6125, 94.9984



81.9916, 85.6125, 100.6147

Rectangle

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



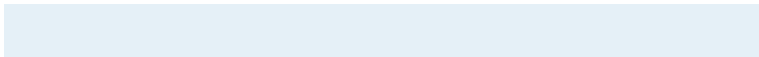
83.9156, 85.6125, 91.4589



82.5223, 85.6125, 86.7143



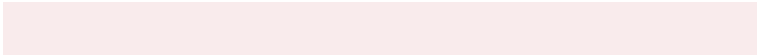
78.8805, 85.6125, 94.9984



80.2327, 85.6125, 100.0379

Sweetspot

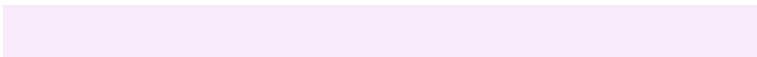
The Sweet Spot groups the original color and five complimentary colors.



83.9180, 85.6162, 91.4607



92.6911, 96.4877, 104.3974



85.4621, 86.1860, 101.7550



19.8644, 20.6891, 22.3925



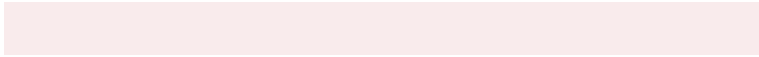
0.0000, 0.0000, 0.0000



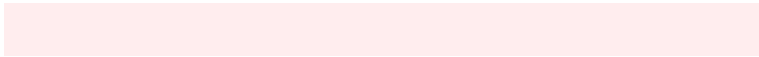
20.3446, 21.4041, 23.3091

Same Dimension

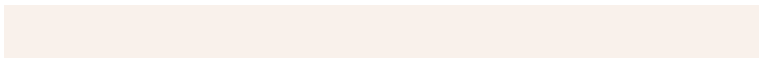
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9180, 85.6162, 91.4607



87.0621, 88.1130, 93.6317



85.4709, 88.9529, 91.2665



17.7086, 17.8604, 18.9351



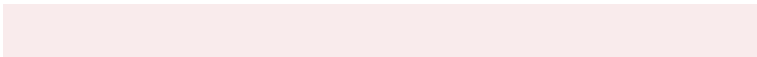
20.9873, 10.8107, 1.3758



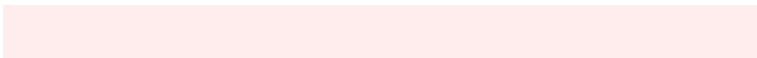
1.9607, 1.0080, 0.2163

Inverse Universe

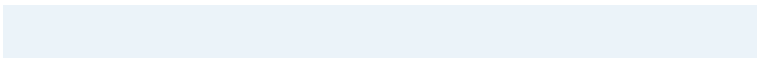
The Inverse Universe completely reimagines the original color for something new.



83.9180, 85.6162, 91.4607



87.0621, 88.1130, 93.6317



83.4635, 88.7058, 102.3467



17.7086, 17.8604, 18.9351



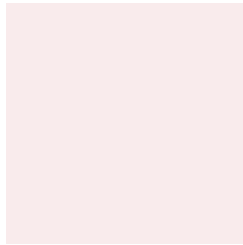
20.9873, 10.8107, 1.3758



1.9607, 1.0080, 0.2163

Previews

White Background



This preview shows how the XYZ color 83.9156, 85.6125, 91.4589 looks on a white background.

Color Contrast Check

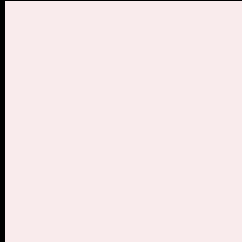
Large Text (above 18pt) WCAG AA × Fail

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 83.9156, 85.6125, 91.4589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

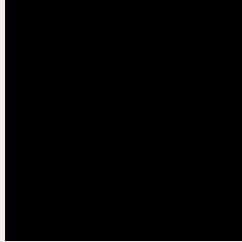
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.9156, 85.6125, 91.4589

Background



This preview shows how black text looks on a background with the XYZ color 83.9156, 85.6125, 91.4589.



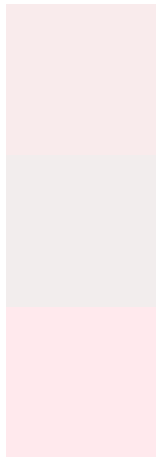
This preview shows how white text looks on a background with the XYZ color 83.9156, 85.6125,

91.4589.

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

83.9156, 85.6125, 91.4589

Protanopia

82.1882, 85.5600, 92.3037

Deuteranopia

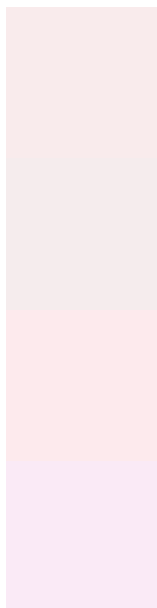
85.6650, 85.6523, 92.1383



Tritanopia

86.3352, 85.7521, 103.2682

Trichromacy



Original Color

83.9156, 85.6125, 91.4589

Protanomaly

82.9377, 85.5178, 92.2561

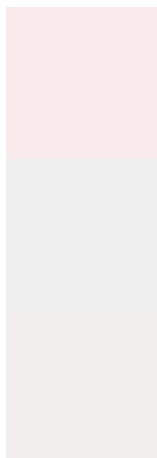
Deuteranomaly

85.2169, 85.8427, 92.1987

Tritanomaly

85.4817, 85.8235, 99.2490

Monochromacy



Original Color

83.9156, 85.6125, 91.4589

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.9693, 86.3768, 93.1884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9156, 85.6125, 91.4589 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(249, 235, 236) looks like.

```
.text, #text, p{  
    color:rgb(249, 235, 236)  
}
```

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(249, 235, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 235, 236) }
```

Border

The CSS property to change the border of an element to XYZ 83.9156, 85.6125, 91.4589 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(249, 235, 236) }
```


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

```
.border{ border-color:rgb(249, 235, 236) }
```

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

Here you see how a box with a 4 pixel rgb(249, 235, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 235, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 235, 236);  
box-shadow:4px 4px 4px 4px rgb(249, 235,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9156, 85.6125, 91.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 235, 236) }
```

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

```
.background{ background-color: rgb(249,  
235, 236) }
```

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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