

Converting Colors

XYZ(83.0792, 85.3643, 91.7638)

Have a look what the booklet for
XYZ(83.0792, 85.3643, 91.7638)
contains.

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Color

**XYZ(82.8547, 85.0656,
91.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EBEC
RGB	246, 235, 236
RGB Percent	96%, 92%, 93%
CMY	0.0353, 0.0784, 0.0745
CMYK	0.00, 0.04, 0.04, 0.04
HSL	355°, 38%, 94%
HSV	355°, 4%, 96%
XYZ	82.8547, 85.0656, 91.4093
YIQ	238.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

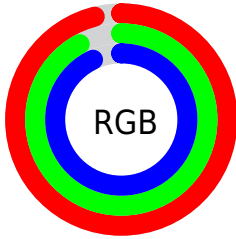
Format	Color
R _Y B	246, 235, 236
Decimal	16182252
CIE Lab	93.91, 3.88, 0.83
CIE LCh	94, 3.967, 12.087
Yxy	85.0656, 0.3195, 0.3280
Android (android.graphics.Color)	4294372332 (0xFFFF6EBEC)
YUV	238.4030, -1.1847, 6.6626
Hunter-Lab	92.2310, -1.0508, 5.7999

Details

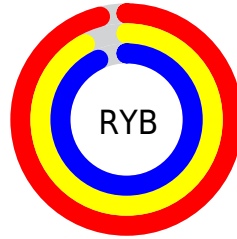
The XYZ color **82.8547, 85.0656, 91.4093** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.7013, 90.1685, 99.3834**, and the grayscale version is **81.5878, 85.8368, 93.4762**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5935, 46.4826, 49.7490** is the 20% darker color. If you saturate the color by 10%, you get **73.2438, 70.7230, 73.1611**, and if you desaturate by 10%, it is **91.8165, 98.3331, 108.7487**.

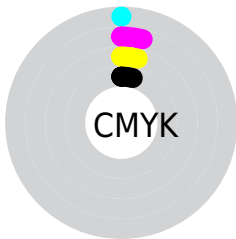
Distribution



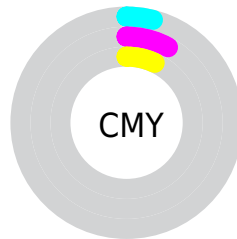
- Red (96%)
- Green (92%)
- Blue (93%)



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



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





- Cyan (4%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8547, 85.0656, 91.4093 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 82.8547, 85.0656, 91.4093 by changing the saturation by 10% instead.


 82.8547, 85.0656,
91.4093

 82.8547, 85.0656,
91.4093


493.0934,
511.8451, 553.2926

 62.3868, 63.8956,
68.5698


136.3015,
140.4648, 151.2470

 45.6021, 46.5661,
49.8919


170.0112,
175.4628, 189.0823

 32.1352, 32.6928,
34.9569

208.8654,
215.8389, 232.7533

 21.6209, 21.8912,
23.3464

253.2296,
261.9776, 282.6786

 13.6936, 13.7770,
14.6418

303.4692,
314.2631, 339.2766

 7.9882, 7.9657,
8.4246

359.9494,

 4.1391, 4.0730,

373.0799, 402.9659

4.2761

423.0357,
438.8125, 474.1651

■ 1.7811, 1.7145,
1.7780

■ 0.5063, 0.4330,
0.4134

■ 82.8547, 85.0656,
91.4093

■ 82.8547, 85.0656,
91.4093

■ 73.2438, 70.7230,
73.1611

■ 91.8165, 98.3331,
108.7487

■ 64.9568, 58.4019,
57.2880

■ 57.9380, 48.0149,
43.6939

■ 52.1245, 39.4637,
32.2740

■ 47.4483, 32.6414,
22.9153

■ 43.8345, 27.4300,
15.4946

■ 41.1990, 23.6968,
9.8757

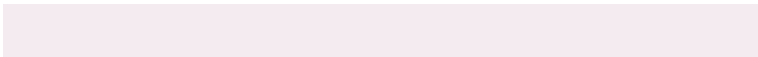
■ 39.4454, 21.2881,
5.9042

■ 38.4566, 20.0159,
3.3998

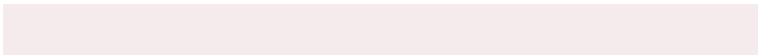
Harmonies

Analogous

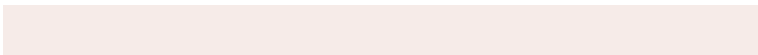
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8004, 85.0656, 94.4227



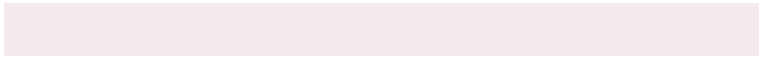
82.8547, 85.0656, 91.4093



82.3690, 85.0656, 88.7776

Triad

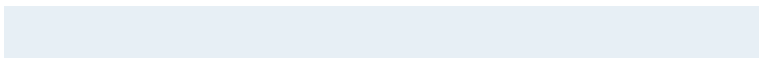
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8547, 85.0656, 91.4093



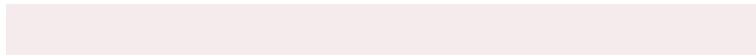
79.4986, 85.0656, 88.3717



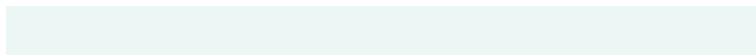
80.2292, 85.0656, 98.2679

Complementary

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



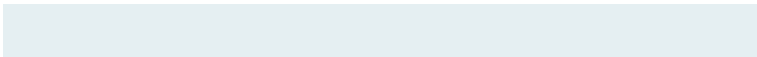
82.8547, 85.0656, 91.4093



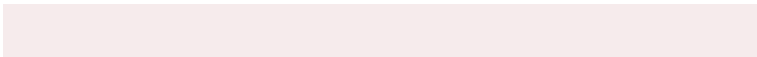
83.7013, 90.1685, 99.3834

Split Complementary

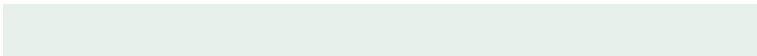
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3543, 85.0656, 96.5758



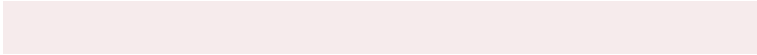
82.8547, 85.0656, 91.4093



78.9350, 85.0656, 90.8443

Square

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



82.8547, 85.0656, 91.4093



80.4278, 85.0656, 87.0496



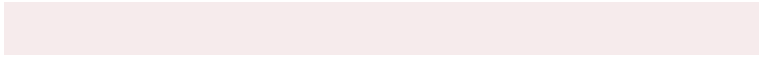
78.8824, 85.0656, 93.8453



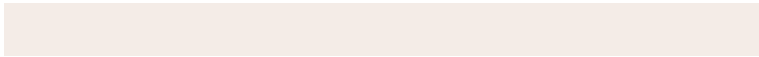
81.2783, 85.0656, 98.4272

Rectangle

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



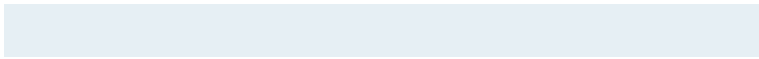
82.8547, 85.0656, 91.4093



81.8069, 85.0656, 87.5763



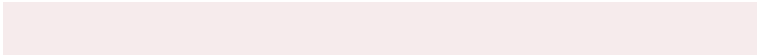
78.8824, 85.0656, 93.8453



79.9052, 85.0656, 97.8578

Sweetspot

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



82.8571, 85.0693, 91.4111



93.8707, 98.2353, 106.6760



83.9667, 85.4687, 99.2615



20.1046, 21.0450, 22.8565



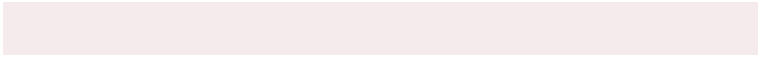
0.0000, 0.0000, 0.0000



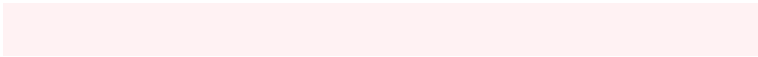
20.3446, 21.4041, 23.3091

Same Dimension

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



82.8571, 85.0693, 91.4111



89.3055, 91.4087, 98.0516



83.9877, 87.5614, 91.0761



17.3561, 17.6956, 18.9389



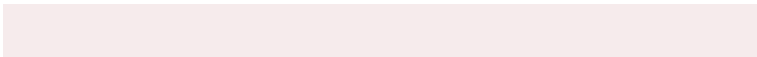
20.3862, 10.4979, 1.4764



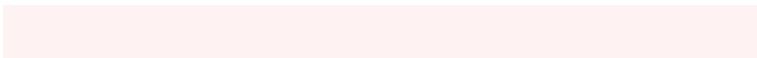
1.8121, 0.9308, 0.2367

Inverse Universe

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



82.8571, 85.0693, 91.4111



89.3055, 91.4087, 98.0516



82.5318, 87.5854, 99.7457



17.3561, 17.6956, 18.9389



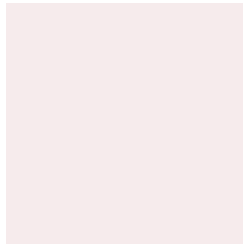
20.3862, 10.4979, 1.4764



1.8121, 0.9308, 0.2367

Previews

White Background



This preview shows how the XYZ color 82.8547, 85.0656, 91.4093 looks on a white background.

Color Contrast Check

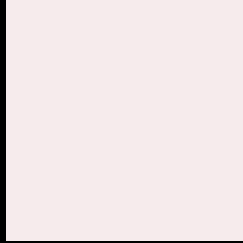
Large Text (above 18pt) WCAG AA × Fail

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 82.8547, 85.0656, 91.4093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

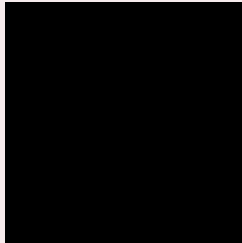
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

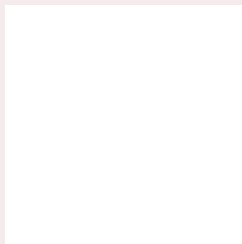
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8547, 85.0656, 91.4093

Background



This preview shows how black text looks on a background with the XYZ color 82.8547, 85.0656, 91.4093.



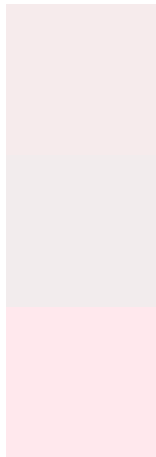
This preview shows how white text looks on a background with the XYZ color 82.8547, 85.0656,

91.4093.

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

82.8547, 85.0656, 91.4093

Protanopia

81.8995, 84.9826, 92.2075

Deuteranopia

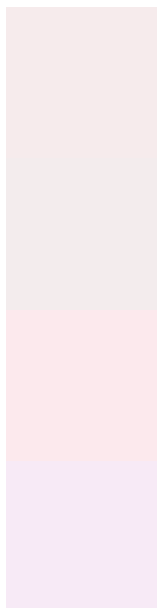
85.3827, 85.0877, 92.0442



Tritanopia

85.2629, 85.1993, 103.2181

Trichromacy



Original Color

82.8547, 85.0656, 91.4093

Protanomaly

82.2437, 85.1600, 92.2236

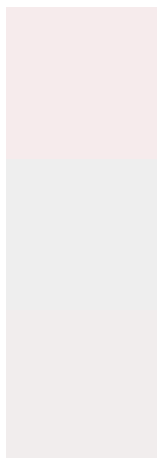
Deuteranomaly

84.5699, 85.0877, 92.0870

Tritanomaly

84.4151, 85.2736, 99.1991

Monochromacy



Original Color

82.8547, 85.0656, 91.4093

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.8459, 85.3836, 92.2877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8547, 85.0656, 91.4093 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(246, 235, 236) looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 235, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 235, 236) }
```

Border

The CSS property to change the border of an element to XYZ 82.8547, 85.0656, 91.4093 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(246, 235, 236) }
```


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

```
.border{ border-color:rgb(246, 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(246, 235, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 235, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 235, 236);  
box-shadow:4px 4px 4px 4px rgb(246, 235,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8547, 85.0656, 91.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 235, 236) }
```

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

```
.background{ background-color: rgb(246,  
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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