

Converting Colors

XYZ(83.8433, 90.1716, 82.0931)

Have a look what the booklet for
XYZ(83.8433, 90.1716, 82.0931)
contains.

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Color

**XYZ(83.8433, 90.1716,
82.0931)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F5DE
RGB	246, 245, 222
RGB Percent	96%, 96%, 87%
CMY	0.0353, 0.0392, 0.1294
CMYK	0.00, 0.00, 0.10, 0.04
HSL	58°, 57%, 92%
HSV	58°, 10%, 96%
XYZ	83.8433, 90.1716, 82.0931
YIQ	242.6770, 7.9790, -6.9410

Conversions

Conversions Part 2

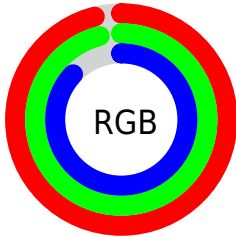
Format	Color
R _Y B	223, 246, 222
Decimal	16184798
CIE Lab	96.07, -3.52, 11.19
CIE LCh	96, 11.731, 107.481
Yxy	90.1716, 0.3274, 0.3521
Android (android.graphics.Color)	4294374878 (0xFFFF6F5DE)
YUV	242.6770, -10.1938, 2.9143
Hunter-Lab	94.9587, -8.5722, 15.2141

Details

The XYZ color **83.8433, 90.1716, 82.0931** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.1464, 74.9575, 97.8028**, and the grayscale version is **85.0108, 89.4380, 97.3980**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4079, 50.1324, 43.7898** is the 20% darker color. If you saturate the color by 10%, you get **80.4771, 88.3356, 65.8739**, and if you desaturate by 10%, it is **87.6973, 92.2113, 100.8504**.

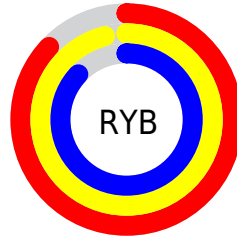
Distribution



Red (96%)

Green (96%)

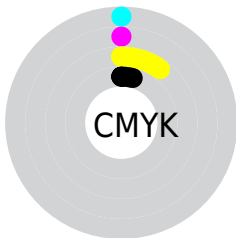
Blue (87%)



Red (87%)

Yellow (96%)

Blue (87%)

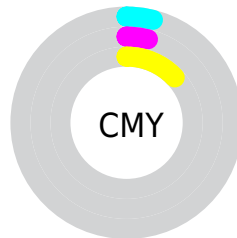


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (4%)



Cyan (4%)


Magenta (4%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.8433, 90.1716, 82.0931 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 83.8433, 90.1716, 82.0931 by changing the saturation by 10% instead.


 83.8433, 90.1716,
82.0931

 83.8433, 90.1716,
82.0931


496.3343,
528.5889, 521.8507

 63.2053, 68.1230,
60.9060


137.6784,
147.5767, 138.1424

 46.2666, 49.9978,
43.7193


171.6062,
183.7020, 173.8417

 32.6618, 35.4116,
30.1143


210.6946,
225.2883, 215.2155

 22.0255, 23.9801,
19.6726

255.3091,
272.7201, 262.6823

 13.9923, 15.3189,
11.9755

305.8149,
326.3816, 316.6607

 8.1970, 9.0435,
6.6047

362.5775,

 4.2741, 4.7696,

386.6573, 377.5692

3.1415

425.9622,
453.9316, 445.8263

■ 1.8584, 2.1127,
1.1673

■ 0.5525, 0.6718,
0.0000

■ 83.8433, 90.1716,
82.0931

■ 83.8433, 90.1716,
82.0931

■ 80.4771, 88.3356,
65.8739

■ 87.6973, 92.2113,
100.8504

■ 77.5705, 86.6833,
52.0778

■ 89.3313, 93.3628,
107.9203

■ 75.1037, 85.2096,
40.5894

■ 89.6442, 93.9886,
108.0246

■ 73.0527, 83.9049,
31.2819

■ 89.9588, 94.6178,
108.1295

71.3910, 82.7586,
24.0160

90.2751, 95.2504,
108.2349

70.0891, 81.7590,
18.6366

90.5931, 95.8864,
108.3409

69.1133, 80.8925,
14.9663

90.9129, 96.5259,
108.4475

68.4236, 80.1431,
12.7940

91.2343, 97.1688,
108.5546

67.9550, 79.4848,
11.7778

91.5575, 97.8151,
108.6624

Harmonies

Analogous

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



87.0660, 90.1716, 81.7379



83.8433, 90.1716, 82.0931



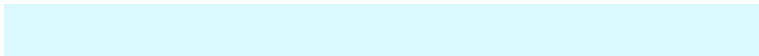
81.1849, 90.1716, 86.5847

Triad

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



83.8433, 90.1716, 82.0931



81.5542, 90.1716, 111.9611



91.9469, 90.1716, 102.1091

Complementary

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



83.8433, 90.1716, 82.0931



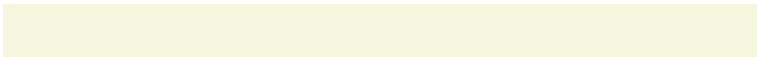
73.1464, 74.9575, 97.8028

Split Complementary

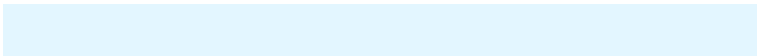
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3907, 90.1716, 110.7702



83.8433, 90.1716, 82.0931



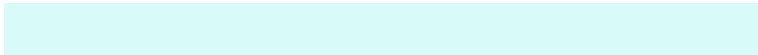
84.3590, 90.1716, 116.6947

Square

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



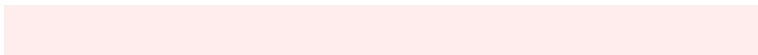
83.8433, 90.1716, 82.0931



79.8864, 90.1716, 103.6521



87.5949, 90.1716, 116.2456



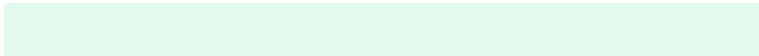
91.8003, 90.1716, 92.9069

Rectangle

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



83.8433, 90.1716, 82.0931



80.0657, 90.1716, 91.4906



87.5949, 90.1716, 116.2456



91.6039, 90.1716, 105.1910

Sweetspot

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



83.8458, 90.1755, 82.0950



93.7415, 99.3148, 102.5081



77.4747, 77.1752, 80.7678



19.9914, 21.2190, 21.5846



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.



83.8458, 90.1755, 82.0950



90.1054, 97.3767, 84.8523



80.4687, 88.8828, 82.0235



17.8523, 19.1888, 17.5605



36.2925, 42.4706, 6.2848



3.2077, 3.7687, 0.5584

Inverse Universe

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



73.1464, 74.9575, 97.8028



76.0210, 77.3441, 105.5299



76.2960, 76.1877, 97.8742



15.6363, 16.0368, 20.8139



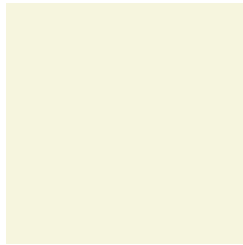
8.9627, 3.7191, 46.7835



0.8068, 0.3649, 4.1182

Previews

White Background



This preview shows how the XYZ color 83.8433, 90.1716, 82.0931 looks on a white background.

Color Contrast Check

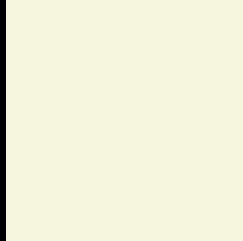
Large Text (above 18pt) WCAG AA × Fail

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 83.8433, 90.1716, 82.0931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

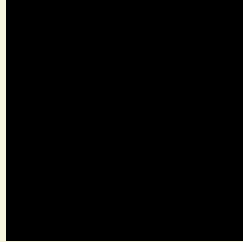
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

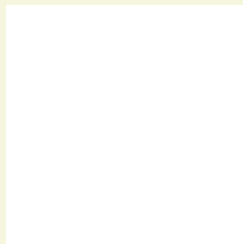
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.8433, 90.1716, 82.0931

Background



This preview shows how black text looks on a background with the XYZ color 83.8433, 90.1716, 82.0931.



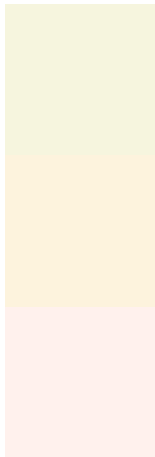
This preview shows how white text looks on a background with the XYZ color 83.8433, 90.1716,

82.0931.

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

83.8433, 90.1716, 82.0931

Protanopia

85.6097, 90.2043, 81.3057

Deuteranopia

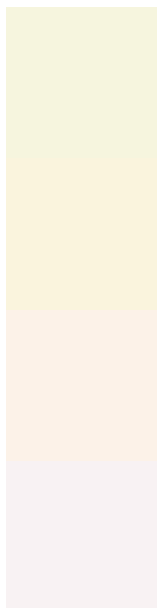
87.9814, 90.2850, 92.9104



Tritanopia

88.5722, 90.2703, 107.3634

Trichromacy



Original Color

83.8433, 90.1716, 82.0931

Protanomaly

84.8262, 90.2458, 81.3550

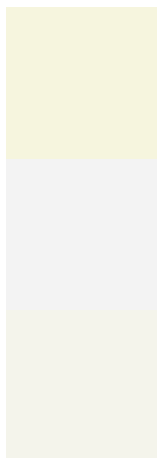
Deuteranomaly

86.4625, 90.0259, 89.1636

Tritanomaly

86.6412, 89.9318, 97.5861

Monochromacy



Original Color

83.8433, 90.1716, 82.0931

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.6543, 89.9326, 91.4942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8433, 90.1716, 82.0931 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, 245, 222) looks like.

```
.text, #text, p{  
    color:rgb(246, 245, 222)  
}
```

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, 245, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 245, 222) }
```

Border

The CSS property to change the border of an element to XYZ 83.8433, 90.1716, 82.0931 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, 245, 222) }
```


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

```
.border{ border-color:rgb(246, 245, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 245, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 245, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 245, 222);  
box-shadow:4px 4px 4px 4px rgb(246, 245,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8433, 90.1716, 82.0931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 245, 222) }
```

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

```
.background{ background-color: rgb(246,  
245, 222) }
```

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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