

Converting Colors

XYZ(81.8141, 85.7678, 82.4810)

Have a look what the booklet for
XYZ(81.8141, 85.7678, 82.4810)
contains.

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Color

**XYZ(81.7448, 85.5430,
82.7241)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EDE0
RGB	246, 237, 224
RGB Percent	96%, 93%, 88%
CMY	0.0353, 0.0706, 0.1216
CMYK	0.00, 0.04, 0.09, 0.04
HSL	35°, 55%, 92%
HSV	35°, 9%, 96%
XYZ	81.7448, 85.5430, 82.7241
YIQ	238.2090, 9.5370, -2.1350

Conversions

Conversions Part 2

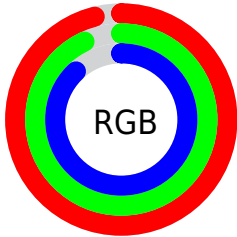
Format	Color
R _Y B	239, 246, 224
Decimal	16182752
CIE Lab	94.12, 0.85, 7.36
CIE LCh	94, 7.409, 83.395
Yxy	85.5430, 0.3270, 0.3422
Android (android.graphics.Color)	4294372832 (0xFFFF6EDE0)
YUV	238.2090, -7.0050, 6.8327
Hunter-Lab	92.4895, -4.0932, 11.7127

Details

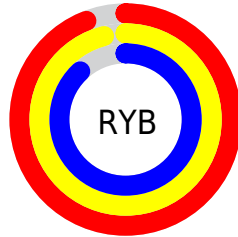
The XYZ color **81.7448, 85.5430, 82.7241** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5139, 80.7777, 98.7487**, and the grayscale version is **81.4793, 85.7226, 93.3519**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9205, 46.8595, 44.2133** is the 20% darker color. If you saturate the color by 10%, you get **75.8166, 78.6445, 65.4616**, and if you desaturate by 10%, it is **88.3239, 92.9689, 102.5870**.

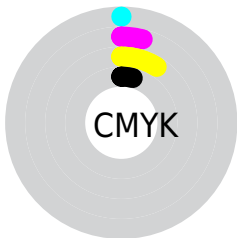
Distribution



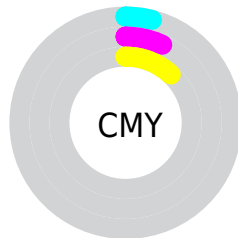
- Red (96%)
- Green (93%)
- Blue (88%)



- Red (94%)
- Yellow (96%)
- Blue (88%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7448, 85.5430, 82.7241 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 81.7448, 85.5430, 82.7241 by changing the saturation by 10% instead.

81.7448, 85.5430,
82.7241

81.7448, 85.5430,
82.7241

489.4411,
513.4231, 524.0135

61.4686, 64.2901,
61.4233

134.7538,
141.1316, 139.0347

44.8574, 46.8857,
44.1341

168.2172,
176.2361, 174.8817

31.5459, 32.9453,
30.4380

206.8071,
216.7266, 216.4144

21.1688, 22.0846,
19.9164

250.8889,
262.9875, 264.0514

13.3606, 13.9190,
12.1508

300.8278,
315.4032, 318.2113

7.7560, 8.0644,
6.7227

356.9892,

3.9897, 4.1362,

374.3582, 379.3125

3.2135

419.7385,
440.2366, 447.7738

■ 1.6963, 1.7500,
1.2046

■ 0.4540, 0.4557,
0.0000

■ 81.7448, 85.5430,
82.7241

■ 81.7448, 85.5430,
82.7241

■ 75.8166, 78.6445,
65.4616

■ 88.3239, 92.9689,
102.5870

■ 70.5089, 72.2485,
50.6845

■ 91.8165, 98.3331,
108.7487

■ 65.7993, 66.3446,
38.2771

■ 61.6609, 60.9176,
28.1124

■ 58.0648, 55.9512,
20.0515

■ 54.9787, 51.4279,
13.9397

■ 52.3663, 47.3282,
9.6006

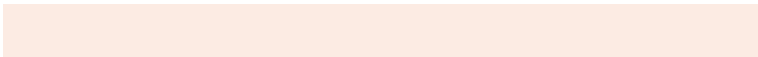
■ 50.1852, 43.6302,
6.8256

■ 48.3733, 40.3038,
5.3045

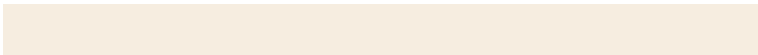
Harmonies

Analogous

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



83.5977, 85.5430, 84.6594



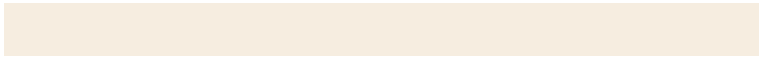
81.7448, 85.5430, 82.7241



79.8035, 85.5430, 83.4879

Triad

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



81.7448, 85.5430, 82.7241



77.8613, 85.5430, 97.5391



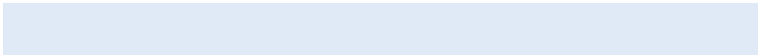
84.4011, 85.5430, 99.7966

Complementary

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



81.7448, 85.5430, 82.7241



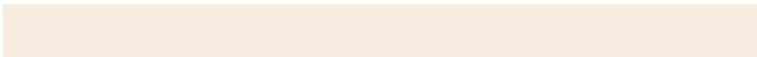
76.5139, 80.7777, 98.7487

Split Complementary

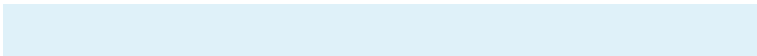
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8273, 85.5430, 103.5126



81.7448, 85.5430, 82.7241



79.0567, 85.5430, 102.1727

Square

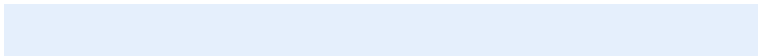
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7448, 85.5430, 82.7241



77.5821, 85.5430, 91.8931



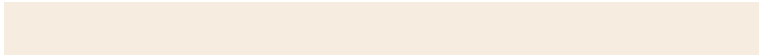
80.8689, 85.5430, 104.3993



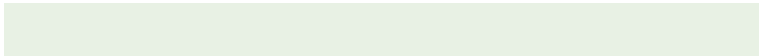
85.1473, 85.5430, 94.4017

Rectangle

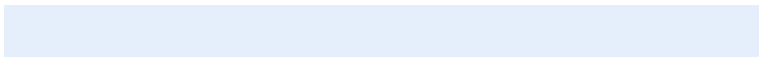
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7448, 85.5430, 82.7241



78.7181, 85.5430, 85.4407



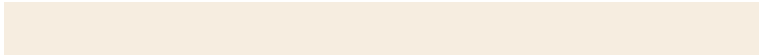
80.8689, 85.5430, 104.3993



83.9501, 85.5430, 101.2922

Sweetspot

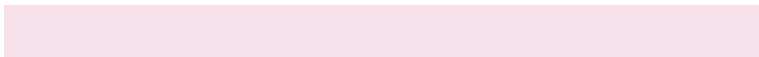
The Sweet Spot groups the original color and five complimentary colors.



81.7472, 85.5467, 82.7259



92.8528, 97.5375, 102.2119



79.3947, 78.7982, 88.2419



19.7510, 20.7380, 21.5044



0.0000, 0.0000, 0.0000



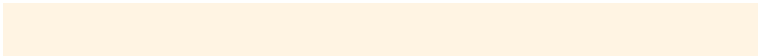
20.3446, 21.4041, 23.3091

Same Dimension

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



81.7472, 85.5467, 82.7259



87.3078, 91.2225, 85.6430



83.7775, 90.5574, 83.5861



17.3134, 18.1110, 17.3808



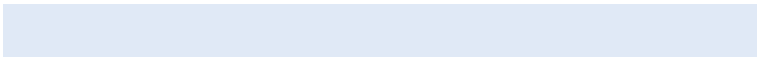
25.8658, 21.6173, 2.8093



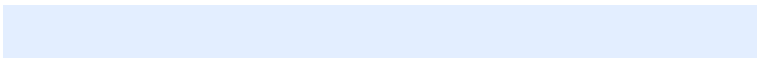
2.3743, 2.1018, 0.2805

Inverse Universe

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



76.5139, 80.7777, 98.7487



80.4096, 84.9364, 106.7641



74.6032, 76.1083, 97.9482



16.1376, 17.0394, 20.9810



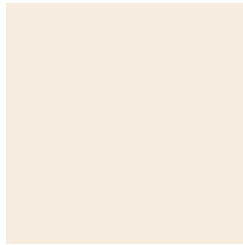
11.4713, 8.7363, 47.6197



1.1066, 0.9647, 4.2181

Previews

White Background



This preview shows how the XYZ color 81.7448, 85.5430, 82.7241 looks on a white background.

Color Contrast Check

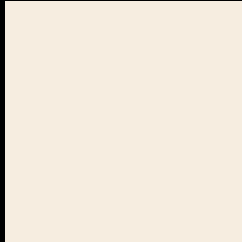
Large Text (above 18pt) WCAG AA × Fail

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 81.7448, 85.5430, 82.7241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

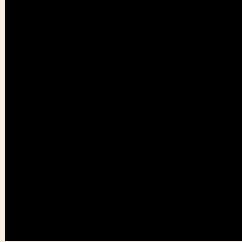
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7448, 85.5430, 82.7241

Background



This preview shows how black text looks on a background with the XYZ color 81.7448, 85.5430, 82.7241.



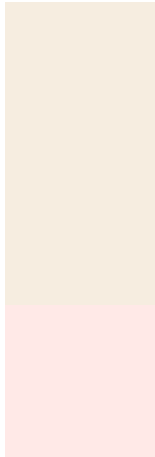
This preview shows how white text looks on a background with the XYZ color 81.7448, 85.5430,

82.7241.

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

81.7448, 85.5430, 82.7241

Protanopia

81.7448, 85.5430, 82.7241

Deuteranopia

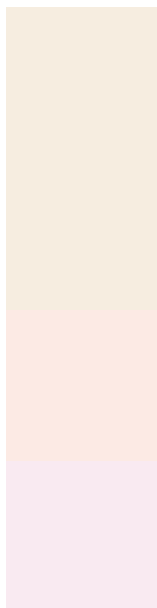
84.8027, 85.3073, 87.5977



Tritanopia

85.9758, 85.5669, 103.2514

Trichromacy



Original Color

81.7448, 85.5430, 82.7241

Protanomaly

81.7448, 85.5430, 82.7241

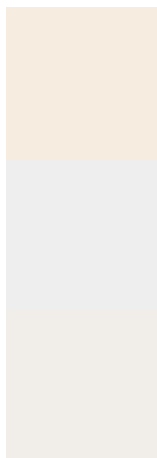
Deuteranomaly

83.5713, 85.1425, 85.4283

Tritanomaly

84.3669, 85.3362, 95.2440

Monochromacy



Original Color

81.7448, 85.5430, 82.7241

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.5581, 85.7330, 89.3403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7448, 85.5430, 82.7241 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, 237, 224) looks like.

```
.text, #text, p{  
    color:rgb(246, 237, 224)  
}
```

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, 237, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 237, 224) }
```

Border

The CSS property to change the border of an element to XYZ 81.7448, 85.5430, 82.7241 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, 237, 224) }
```


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

```
.border{ border-color:rgb(246, 237, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 237, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 237, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 237, 224);  
box-shadow:4px 4px 4px 4px rgb(246, 237,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7448, 85.5430, 82.7241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 237, 224) }
```

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

```
.background{ background-color: rgb(246,  
237, 224) }
```

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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