

Converting Colors

XYZ(73.5885, 81.6582, 48.4423)

Have a look what the booklet for
XYZ(73.5885, 81.6582, 48.4423)
contains.

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Color

**XYZ(73.5885, 81.6582,
48.4423)**

Conversions

Conversions Part 1

Format	Color
Hex	F2ECA7
RGB	242, 236, 167
RGB Percent	95%, 93%, 65%
CMY	0.0510, 0.0745, 0.3451
CMYK	0.00, 0.02, 0.31, 0.05
HSL	55°, 74%, 80%
HSV	55°, 31%, 95%
XYZ	73.5885, 81.6582, 48.4423
YIQ	229.9280, 25.7250, -20.1870

Conversions

Conversions Part 2

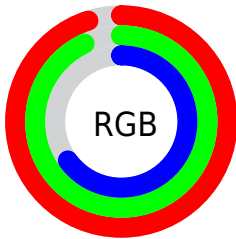
Format	Color
RYB	174, 242, 167
Decimal	15920295
CIELab	92.42, -8.22, 34.26
CIELCh	92, 35.230, 103.498
Yxy	81.6582, 0.3613, 0.4009
Android (android.graphics.Color)	4294110375 (0xFFFF2ECA7)
YUV	229.9280, -31.0235, 10.5871
Hunter-Lab	90.3649, -12.7775, 31.4716

Details

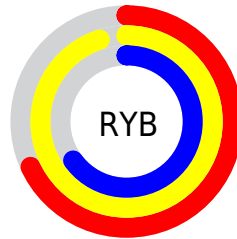
The XYZ color **73.5885, 81.6582, 48.4423** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **46.9068, 44.5123, 90.1241**, and the grayscale version is **75.3713, 79.2965, 86.3538**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **39.3661, 44.1717, 22.3708** is the 20% darker color. If you saturate the color by 10%, you get **71.0044, 79.7412, 37.5574**, and if you desaturate by 10%, it is **76.6015, 83.7622, 61.5374**.

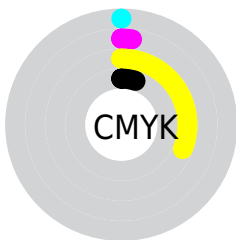
Distribution



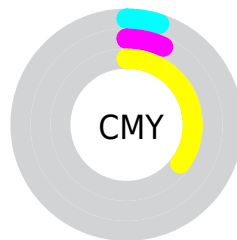
- Red (95%)
- Green (93%)
- Blue (65%)



- Red (68%)
- Yellow (95%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (31%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5885, 81.6582, 48.4423 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 73.5885, 81.6582, 48.4423 by changing the saturation by 10% instead.

73.5885, 81.6582,
48.4423

73.5885, 81.6582,
48.4423

462.1242,
500.5037, 397.1018

54.7474, 61.0838,
33.8148

123.3109,
135.6946, 89.2350

39.4326, 44.2928,
22.4752

154.9230,
169.9254, 116.2372

27.2786, 30.9008,
14.0048

191.5227,
209.4771, 148.2015

17.9203, 20.5233,
7.9852

233.4755,
254.7342, 185.5463

10.9921, 12.7760,
3.9979

281.1467,
306.0810, 228.6902

6.1288, 7.2745,
1.6242

334.9016,

2.9649, 3.6343,

363.9019, 278.0517

0.3080

395.1057,
428.5813, 334.0494

■ 1.1353, 1.4712,
0.0000

■ 0.0543, 0.2683,
0.0000

■ 73.5885, 81.6582,
48.4423

■ 73.5885, 81.6582,
48.4423

■ 71.0044, 79.7412,
37.5574

■ 76.6015, 83.7622,
61.5374

■ 68.8194, 77.9906,
28.7543

■ 80.0587, 86.0506,
76.9513

■ 67.0101, 76.3998,
21.8994

■ 83.9824, 88.5354,
94.7914

■ 65.5476, 74.9573,
16.8414

■ 86.9414, 90.6440,
107.5215

■ 64.3989, 73.6499,
13.4067

■ 87.5257, 91.8125,
107.7162

■ 63.5246, 72.4618,
11.3875

■ 88.1160, 92.9932,
107.9130

■ 62.9147, 71.4705,
10.4792

■ 88.7125, 94.1862,
108.1119

■ 89.3152, 95.3916,
108.3127

■ 89.9240, 96.6093,
108.5157

Harmonies

Analogous

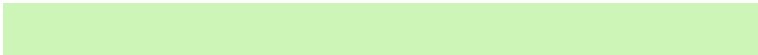
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7069, 81.6582, 48.8988



73.5885, 81.6582, 48.4423



66.1481, 81.6582, 57.2051

Triad

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



73.5885, 81.6582, 48.4423



65.5648, 81.6582, 128.1954



95.6886, 81.6582, 103.9687

Complementary

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



73.5885, 81.6582, 48.4423



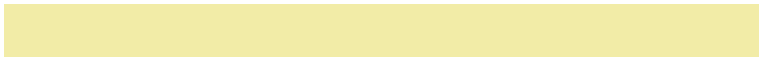
46.9068, 44.5123, 90.1241

Split Complementary

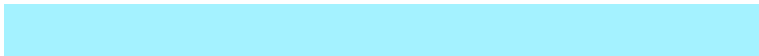
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3331, 81.6582, 130.5886



73.5885, 81.6582, 48.4423



72.7339, 81.6582, 146.3431

Square

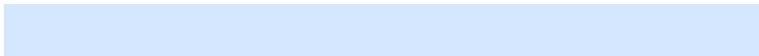
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5885, 81.6582, 48.4423



61.7668, 81.6582, 101.1686



81.7830, 81.6582, 147.2961



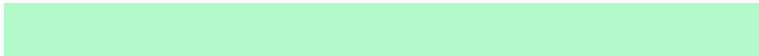
95.9627, 81.6582, 77.6874

Rectangle

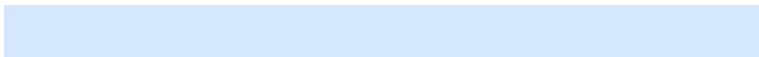
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5885, 81.6582, 48.4423



62.9417, 81.6582, 68.3141



81.7830, 81.6582, 147.2961



94.4049, 81.6582, 113.2824

Sweetspot

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



73.5906, 81.6619, 48.4440



90.9902, 97.4443, 90.3941



58.0044, 49.5425, 46.1687



19.3439, 20.7723, 18.7533



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

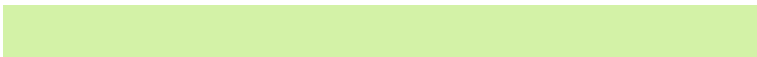
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5906, 81.6619, 48.4440



81.0436, 90.6236, 46.7773



65.5202, 80.1067, 48.5692



17.0085, 18.2302, 16.7720



33.8457, 38.4894, 5.6453



2.8474, 3.2655, 0.4802

Inverse Universe

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



46.9068, 44.5123, 90.1241



46.7154, 42.8365, 100.4138



53.2012, 46.0891, 90.0967



14.9988, 15.4316, 19.9097



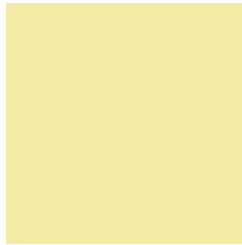
8.7761, 3.7764, 45.3942



0.7649, 0.3838, 3.7880

Previews

White Background



This preview shows how the XYZ color 73.5885, 81.6582, 48.4423 looks on a white background.

Color Contrast Check

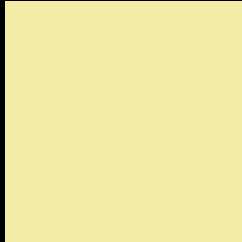
Large Text (above 18pt) WCAG AA × Fail

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 73.5885, 81.6582, 48.4423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

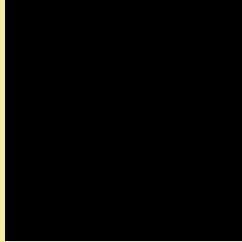
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5885, 81.6582, 48.4423

Background



This preview shows how black text looks on a background with the XYZ color 73.5885, 81.6582, 48.4423.



This preview shows how white text looks on a background with the XYZ color 73.5885, 81.6582,

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

73.5885, 81.6582, 48.4423

Protanopia

75.8055, 81.5402, 47.8199

Deuteranopia

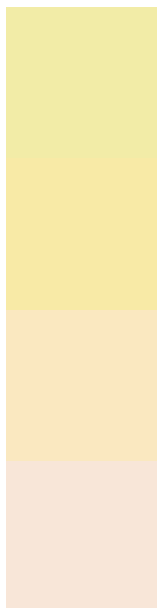
80.3999, 81.7549, 69.9353



Tritanopia

83.3092, 81.4336, 96.9153

Trichromacy



Original Color

73.5885, 81.6582, 48.4423

Protanomaly

75.0172, 81.5553, 47.8643

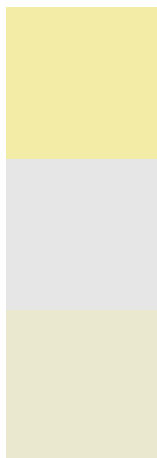
Deuteranomaly

77.7954, 81.8430, 61.5662

Tritanomaly

79.4029, 81.5080, 76.5134

Monochromacy



Original Color

73.5885, 81.6582, 48.4423

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.0508, 79.7106, 70.5143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5885, 81.6582, 48.4423 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, 236, 167)` looks like.

```
.text, #text, p{  
    color:rgb(242, 236, 167)  
}
```

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, 236, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 236, 167) }
```

Border

The CSS property to change the border of an element to XYZ 73.5885, 81.6582, 48.4423 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, 236, 167) }
```


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

```
.border{ border-color:rgb(242, 236, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 236, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 236, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 236, 167);  
box-shadow:4px 4px 4px 4px rgb(242, 236,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5885, 81.6582, 48.4423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 236, 167) }
```

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

```
.background{ background-color: rgb(242,  
236, 167) }
```

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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