

Converting Colors

XYZ(48.3146, 57.1302, 8.6244)

Have a look what the booklet for
XYZ(48.3146, 57.1302, 8.6244)
contains.

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Color

**XYZ(48.1986, 56.8983,
8.5857)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CC05
RGB	210, 204, 5
RGB Percent	82%, 80%, 2%
CMY	0.1765, 0.2000, 0.9803
CMYK	0.00, 0.03, 0.98, 0.18
HSL	58°, 95%, 42%
HSV	58°, 98%, 82%
XYZ	48.1986, 56.8983, 8.5857
YIQ	183.1080, 67.4550, -60.6170

Conversions

Conversions Part 2

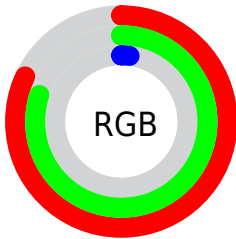
Format	Color
RYB	11, 210, 5
Decimal	13814789
CIELab	80.12, -15.60, 79.96
CIELCh	80, 81.472, 101.039
Yxy	56.8983, 0.4240, 0.5005
Android (android.graphics.Color)	4292004869 (0xFFD2CC05)
YUV	183.1080, -87.8072, 23.5843
Hunter-Lab	75.4310, -17.9469, 46.0532

Details

The XYZ color **48.1986, 56.8983, 8.5857** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **11.8155, 4.9253, 61.3002**, and the grayscale version is **45.5129, 47.8831, 52.1447**.

A 20% lighter version of the original color is **78.6797, 93.4519, 22.6953**, and **23.6688, 28.3920, 4.2327** is the 20% darker color. If you saturate the color by 10%, you get **48.1375, 56.8202, 8.4303**, and if you desaturate by 10%, it is **48.5053, 57.2572, 9.4739**.

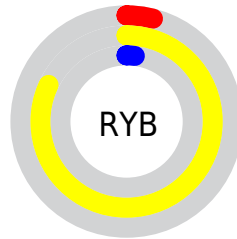
Distribution



Red (82%)

Green (80%)

Blue (2%)



Red (4%)

Yellow (82%)

Blue (2%)

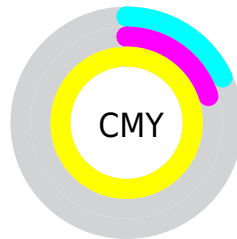


Cyan (0%)

Magenta (3%)

Yellow (98%)

Black (18%)



Cyan (18%)


Magenta (20%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1986, 56.8983, 8.5857 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 48.1986, 56.8983, 8.5857 by changing the saturation by 10% instead.


 48.1986, 56.8983,
8.5857

 48.1986, 56.8983,
8.5857


370.1483,
413.0681, 190.3593


 34.1961, 40.9236,
4.3789


 86.7079, 100.3168,
23.6637


 23.2079, 28.2594,
1.8354


 111.9455,
128.5293, 35.3720


 14.8686, 18.5213,
0.4512


 141.6587,
161.5900, 50.4179

 8.8129, 11.3249,
0.0000

 176.2131,
199.8831, 69.2198

 4.6755, 6.2858,
0.0000

 215.9738,
243.7931, 92.1964

 2.0909, 3.0196,
0.0000

 261.3064,

 0.6843, 1.1420,

293.7043, 119.7661

0.0000

312.5761,
350.0012, 152.3476

■ 0.0000, 0.0135,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.1986, 56.8983,
8.5857

■ 48.1986, 56.8983,
8.5857

■ 48.1375, 56.8202,
8.4303

■ 48.5053, 57.2572,
9.4739

■ 48.9790, 57.6815,
11.2440

■ 49.6570, 58.1886,
14.0870

■ 50.5650, 58.7885,
18.1387

■ 51.7251, 59.4903,
23.5152

■ 53.1568, 60.3016,
30.3188

■ 54.8777, 61.2295,
38.6420

■ 56.9036, 62.2803,
48.5693

■ 59.2496, 63.4601,
60.1790

Harmonies

Analogous

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



65.1227, 56.8983, 9.4907



48.1986, 56.8983, 8.5857



35.7215, 56.8983, 15.4323

Triad

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



48.1986, 56.8983, 8.5857



33.4094, 56.8983, 143.3883



90.2110, 56.8983, 96.6351

Complementary

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



48.1986, 56.8983, 8.5857



11.8155, 4.9253, 61.3002

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.



77.8475, 56.8983, 159.5803



48.1986, 56.8983, 8.5857



44.3622, 56.8983, 194.7634

Square

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



48.1986, 56.8983, 8.5857



28.4220, 56.8983, 81.1457



60.4217, 56.8983, 201.8592



91.8251, 56.8983, 46.0530

Rectangle

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



48.1986, 56.8983, 8.5857



30.6937, 56.8983, 27.4065



60.4217, 56.8983, 201.8592



87.0716, 56.8983, 117.5614

Sweetspot

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



48.1999, 56.9010, 8.5869



84.6597, 94.7463, 57.5688



26.6982, 13.8368, 1.6069



17.8694, 20.1448, 11.1048



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.



48.1999, 56.9010, 8.5869



74.6673, 88.1145, 13.0724



30.0582, 49.7044, 8.1539



12.7726, 13.7358, 12.5901



29.3770, 34.6869, 5.1469



1.6521, 1.9585, 0.2910

Inverse Universe

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



11.8155, 4.9253, 61.3002



18.1309, 7.3819, 95.0770



17.0183, 7.5104, 61.5250



11.1910, 11.4723, 14.8682



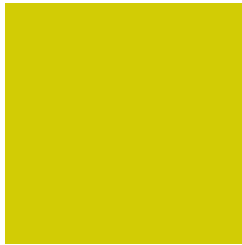
7.1493, 2.9452, 37.3842



0.4097, 0.1846, 2.0936

Previews

White Background



This preview shows how the XYZ color 48.1986, 56.8983, 8.5857 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 48.1986, 56.8983, 8.5857 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 48.1986, 56.8983, 8.5857

Background



This preview shows how black text looks on a background with the XYZ color 48.1986, 56.8983, 8.5857.



This preview shows how white text looks on a background with the XYZ color 48.1986, 56.8983,

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

48.1986, 56.8983, 8.5857

Protanopia

51.1639, 56.6941, 8.2464

Deuteranopia

58.0012, 56.5694, 9.0903



Tritanopia

59.7440, 56.8745, 64.9558

Trichromacy



Original Color

48.1986, 56.8983, 8.5857

Protanomaly

50.1110, 56.8377, 8.3871

Deuteranomaly

54.0192, 56.4706, 8.7623

Tritanomaly

52.5934, 55.6016, 29.7900

Monochromacy



Original Color

48.1986, 56.8983, 8.5857

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.8931, 49.9071, 24.4592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1986, 56.8983, 8.5857 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(210, 204, 5)` looks like.

```
.text, #text, p{  
    color:rgb(210, 204, 5)  
}
```

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(210, 204, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 204, 5) }
```

Border

The CSS property to change the border of an element to XYZ 48.1986, 56.8983, 8.5857 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(210, 204, 5) }
```


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

```
.border{ border-color:rgb(210, 204, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 204, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 204, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 204, 5);  
box-shadow:4px 4px 4px 4px rgb(210, 204,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1986, 56.8983, 8.5857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 204, 5) }
```

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

```
.background{ background-color: rgb(210,  
204, 5) }
```

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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