

Converting Colors

XYZ(46.0592, 58.3243, 8.8301)

Have a look what the booklet for
XYZ(46.0592, 58.3243, 8.8301)
contains.

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Color

**XYZ(46.0592, 58.3243,
8.8301)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D300
RGB	196, 211, 0
RGB Percent	77%, 83%, 0%
CMY	0.2314, 0.1725, 0.9999
CMYK	0.07, 0.00, 1.00, 0.17
HSL	64°, 100%, 41%
HSV	64°, 100%, 83%
XYZ	46.0592, 58.3243, 8.8301
YIQ	182.4610, 58.7910, -68.8010

Conversions

Conversions Part 2

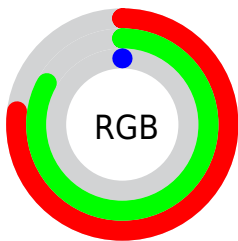
Format	Color
R_{YB}	0, 211, 15
Decimal	12899072
CIE _{Lab}	80.92, -25.02, 80.53
CIE _{LCh}	81, 84.329, 107.260
Yxy	58.3243, 0.4068, 0.5152
Android (android.graphics.Color)	4291089152 (0xFFC4D300)
YUV	182.4610, -89.9533, 11.8737
Hunter-Lab	76.3703, -25.9942, 46.6040

Details

The XYZ color **46.0592, 58.3243, 8.8301** 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 **11.9563, 4.8058, 61.9291**, and the grayscale version is **45.1715, 47.5239, 51.7536**.

A 20% lighter version of the original color is **78.6797, 93.4519, 22.6953**, and **22.3735, 29.4323, 4.5018** is the 20% darker color. If you saturate the color by 10%, you get **46.0599, 58.3267, 8.8306**, and if you desaturate by 10%, it is **46.5893, 58.5838, 9.5679**.

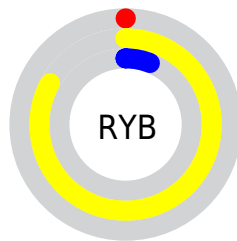
Distribution



Red (77%)

Green (83%)

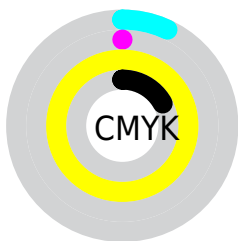
Blue (0%)



Red (0%)

Yellow (83%)

Blue (6%)

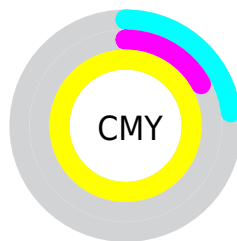


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (23%)


Magenta (17%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0592, 58.3243, 8.8301 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 46.0592, 58.3243, 8.8301 by changing the saturation by 10% instead.


 46.0592, 58.3243,
8.8301


 46.0592, 58.3243,
8.8301


361.7586,
418.3933, 192.2765


 32.4974, 42.0694,
4.5352


 83.5349, 102.3950,
24.1429


 21.8991, 29.1557,
1.9233


 108.1795,
130.9795, 35.9979


 13.8989, 19.1986,
0.5075


 137.2490,
164.4428, 51.2100

 8.1316, 11.8139,
0.0000

 171.1089,
203.1692, 70.1978

 4.2318, 6.6171,
0.0000

 210.1244,
247.5430, 93.3798

 1.8341, 3.2238,
0.0000

 254.6610,

 0.5381, 1.2497,

297.9487, 121.1746

0.0000

305.0839,
354.7706, 154.0006

■ 0.0000, 0.1017,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 46.0592, 58.3243,
8.8301

■ 46.0592, 58.3243,
8.8301

■ 46.0599, 58.3267,
8.8306

■ 46.5893, 58.5838,
9.5679

■ 47.2710, 58.9023,
11.0896

■ 48.1556, 59.3024,
13.6591

■ 49.2704, 59.7950,
17.4202

■ 50.6385, 60.3894,
22.4946

■ 52.2802, 61.0936,
28.9887

■ 54.2135, 61.9150,
36.9980

■ 56.4551, 62.8602,
46.6099

■ 59.0203, 63.9352,
57.9051

Harmonies

Analogous

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



63.1732, 58.3243, 8.3137



46.0592, 58.3243, 8.8301



34.2541, 58.3243, 18.0510

Triad

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



46.0592, 58.3243, 8.8301



35.6305, 58.3243, 163.5249



95.0507, 58.3243, 87.1548

Complementary

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



46.0592, 58.3243, 8.8301



11.9563, 4.8058, 61.9291

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.



83.9278, 58.3243, 153.6562



46.0592, 58.3243, 8.8301



48.3569, 58.3243, 211.0194

Square

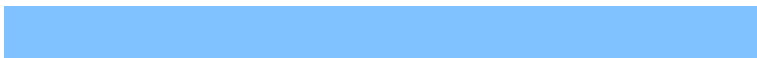
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.0592, 58.3243, 8.8301



29.1591, 58.3243, 96.5177



66.0050, 58.3243, 206.6788



94.0723, 58.3243, 39.0361

Rectangle

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



46.0592, 58.3243, 8.8301



29.8802, 58.3243, 33.1190



66.0050, 58.3243, 206.6788



92.5193, 58.3243, 108.3913

Sweetspot

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



46.0605, 58.3270, 8.8313



83.1126, 94.9971, 56.3389



27.0239, 14.1663, 1.3108



17.5081, 20.2140, 10.8820



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.



46.0605, 58.3270, 8.8313



70.6392, 89.5009, 13.5523



27.6546, 48.8384, 7.9699



12.7170, 13.7531, 12.5964



27.8322, 35.2170, 5.3306



1.5816, 1.9822, 0.2992

Inverse Universe

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



11.9563, 4.8058, 61.9291



18.3020, 7.3499, 95.0618



19.4465, 8.6671, 62.2796



11.2405, 11.4573, 14.8627



7.2471, 2.9163, 37.3734



0.4331, 0.1774, 2.0910

Previews

White Background



This preview shows how the XYZ color 46.0592, 58.3243, 8.8301 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 46.0592, 58.3243, 8.8301 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 46.0592, 58.3243, 8.8301

Background



This preview shows how black text looks on a background with the XYZ color 46.0592, 58.3243, 8.8301.



This preview shows how white text looks on a background with the XYZ color 46.0592, 58.3243,

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
46.0592, 58.3243, 8.8301
Protanopia
52.2507, 57.9420, 8.4300
Deuteranopia
59.2102, 57.8251, 9.5540



Tritanopia

58.4876, 58.0822, 70.4157

Trichromacy



Original Color

46.0592, 58.3243, 8.8301

Protanomaly

49.8557, 58.1097, 8.5886

Deuteranomaly

53.6176, 57.6019, 9.0514

Tritanomaly

50.7134, 56.6444, 31.1822

Monochromacy



Original Color

46.0592, 58.3243, 8.8301

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.7159, 49.9657, 23.9160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0592, 58.3243, 8.8301 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(196, 211, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 211, 0)  
}
```

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(196, 211, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 211, 0) }
```

Border

The CSS property to change the border of an element to XYZ 46.0592, 58.3243, 8.8301 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(196, 211, 0) }
```


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

```
.border{ border-color:rgb(196, 211, 0) }
```

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

Here you see how a box with a 4 pixel rgb(196, 211, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 211, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 211, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 211,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0592, 58.3243, 8.8301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 211, 0) }
```

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

```
.background{ background-color: rgb(196,  
211, 0) }
```

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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