

Converting Colors

XYZ(46.0633, 58.2202, 30.5740)

Have a look what the booklet for
XYZ(46.0633, 58.2202, 30.5740)
contains.

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Color

**XYZ(46.0684, 58.2179,
30.6389)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D484
RGB	178, 212, 132
RGB Percent	70%, 83%, 52%
CMY	0.3020, 0.1686, 0.4823
CMYK	0.16, 0.00, 0.38, 0.17
HSL	86°, 48%, 67%
HSV	86°, 38%, 83%
XYZ	46.0684, 58.2179, 30.6389
YIQ	192.7140, 5.4160, -32.0880

Conversions

Conversions Part 2

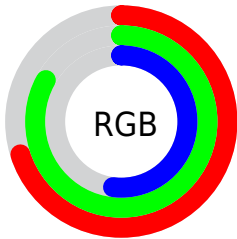
Format	Color
RYB	132, 212, 166
Decimal	11719812
CIELab	80.86, -24.74, 35.94
CIELCh	81, 43.633, 124.543
Yxy	58.2179, 0.3414, 0.4315
Android (android.graphics.Color)	4289909892 (0xFFB2D484)
YUV	192.7140, -29.9320, -12.9042
Hunter-Lab	76.3007, -25.7524, 29.6023

Details

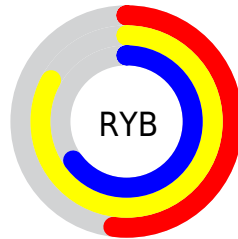
The XYZ color **46.0684, 58.2179, 30.6389** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **35.8633, 29.3646, 66.0684**, and the grayscale version is **50.6898, 53.3296, 58.0760**.

A 20% lighter version of the original color is **78.8839, 92.7273, 60.1949**, and **21.8544, 28.9931, 12.2290** is the 20% darker color. If you saturate the color by 10%, you get **42.7629, 56.6666, 23.6657**, and if you desaturate by 10%, it is **49.8075, 59.9623, 39.1736**.

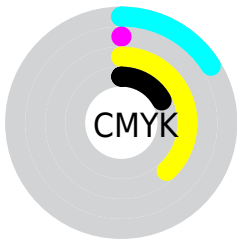
Distribution



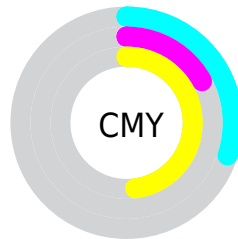
- Red (70%)
- Green (83%)
- Blue (52%)



- Red (52%)
- Yellow (83%)
- Blue (65%)



- Cyan (16%)
- Magenta (0%)
- Yellow (38%)
- Black (17%)





- Cyan (30%)
- Magenta (17%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0684, 58.2179, 30.6389 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 46.0684, 58.2179, 30.6389 by changing the saturation by 10% instead.


 46.0684, 58.2179,
30.6389


 46.0684, 58.2179,
30.6389


361.7949,
417.9974, 319.1708


 32.5047, 41.9839,
20.0679


 83.5486, 102.2401,
61.7440

 21.9047, 29.0886,
12.2598


 108.1957,
130.7970, 83.1152

 13.9031, 19.1479,
6.7962


 137.2681,
164.2304, 108.9235

 8.1345, 11.7772,
3.2585

171.1310,
202.9246, 139.5874

 4.2337, 6.5921,
1.2281

210.1497,
247.2640, 175.5256

 1.8352, 3.2084,
0.0017

254.6897,

 0.5387, 1.2415,

297.6330, 217.1565

0.0000

305.1163,
354.4160, 264.8987

■ 0.0000, 0.0952,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 46.0684, 58.2179,
30.6389

■ 46.0684, 58.2179,
30.6389

■ 42.7629, 56.6666,
23.6657

■ 49.8075, 59.9623,
39.1736

■ 39.8660, 55.2922,
18.1554

■ 53.9949, 61.9000,
49.3529

■ 37.3567, 54.0878,
14.0043

■ 58.6496, 64.0409,
61.2584

■ 35.2095, 53.0431,
11.0932

■ 63.7883, 66.3919,
74.9652

■ 33.3952, 52.1460,
9.2824

■ 69.4268, 68.9597,
90.5440

■ 31.8735, 51.3801,
8.3753

■ 74.8953, 71.4766,
104.4567

■ 31.5556, 51.2192,
8.2231

■ 77.8972, 73.0241,
104.5972

■ 81.0513, 74.6501,
104.7448

■ 82.8347, 75.5695,
104.8282

Harmonies

Analogous

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



53.9714, 58.2179, 25.6396



46.0684, 58.2179, 30.6389



41.1014, 58.2179, 44.3414

Triad

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



46.0684, 58.2179, 30.6389



48.2072, 58.2179, 119.6674



74.4932, 58.2179, 59.5345

Complementary

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



46.0684, 58.2179, 30.6389



35.8633, 29.3646, 66.0684

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.



72.5237, 58.2179, 87.2342



46.0684, 58.2179, 30.6389



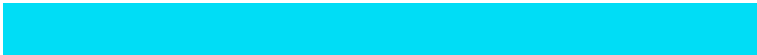
56.7201, 58.2179, 126.9400

Square

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



46.0684, 58.2179, 30.6389



42.2389, 58.2179, 95.9431



65.7663, 58.2179, 113.7557



70.8902, 58.2179, 39.1836

Rectangle

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



46.0684, 58.2179, 30.6389



39.7984, 58.2179, 58.7810



65.7663, 58.2179, 113.7557



74.4639, 58.2179, 68.2326

Sweetspot

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



46.0699, 58.2205, 30.6402



86.6071, 96.1318, 86.6275



44.8338, 42.6957, 27.7087



18.3282, 20.4799, 18.0043



0.0000, 0.0000, 0.0000



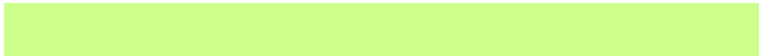
20.3446, 21.4041, 23.3091

Same Dimension

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



46.0699, 58.2205, 30.6402



66.0284, 86.5750, 38.1383



38.3021, 54.2160, 30.2766



12.9392, 14.2449, 13.2283



19.5965, 31.6787, 5.0818



1.2757, 1.9590, 0.3109

Inverse Universe

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



35.8633, 29.3646, 66.0684



48.4569, 36.8712, 99.1706



45.4061, 34.2841, 66.5150



12.2380, 12.2641, 15.6597



10.0553, 4.3362, 38.7602



0.7000, 0.3097, 2.3422

Previews

White Background



This preview shows how the XYZ color 46.0684, 58.2179, 30.6389 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 46.0684, 58.2179, 30.6389 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 46.0684, 58.2179, 30.6389

Background



This preview shows how black text looks on a background with the XYZ color 46.0684, 58.2179, 30.6389.



This preview shows how white text looks on a background with the XYZ color 46.0684, 58.2179,

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

46.0684, 58.2179, 30.6389

Protanopia

53.3985, 57.7463, 28.4104

Deuteranopia

58.9616, 57.8561, 31.7267



Tritanopia

55.0106, 58.2502, 74.6737

Trichromacy



Original Color

46.0684, 58.2179, 30.6389

Protanomaly

50.1839, 57.4672, 29.2162

Deuteranomaly

53.4119, 57.3478, 31.1758

Tritanomaly

51.2906, 58.1696, 55.5383

Monochromacy



Original Color

46.0684, 58.2179, 30.6389

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

48.7440, 54.9402, 46.5635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0684, 58.2179, 30.6389 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(178, 212, 132)` looks like.

```
.text, #text, p{  
    color:rgb(178, 212, 132)  
}
```

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(178, 212, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 212, 132) }
```

Border

The CSS property to change the border of an element to XYZ 46.0684, 58.2179, 30.6389 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(178, 212, 132) }
```


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

```
.border{ border-color:rgb(178, 212, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 212, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 212, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 212, 132);  
box-shadow:4px 4px 4px 4px rgb(178, 212,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0684, 58.2179, 30.6389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 212, 132) }
```

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

```
.background{ background-color: rgb(178,  
212, 132) }
```

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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