

Converting Colors

XYZ(48.8816, 58.9383, 30.2726)

Have a look what the booklet for
XYZ(48.8816, 58.9383, 30.2726)
contains.

XYZ(48.8816, 58.9383, 30.2726)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.8816, 58.9383,
30.2726)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D283
RGB	192, 210, 131
RGB Percent	75%, 82%, 51%
CMY	0.2471, 0.1765, 0.4863
CMYK	0.09, 0.00, 0.38, 0.18
HSL	74°, 47%, 67%
HSV	74°, 38%, 82%
XYZ	48.8816, 58.9383, 30.2726
YIQ	195.6120, 14.6310, -28.3850

Conversions

Conversions Part 2

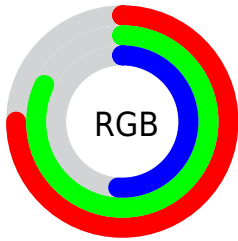
Format	Color
RYB	131, 210, 149
Decimal	12636803
CIELab	81.26, -18.62, 37.15
CIELCh	81, 41.555, 116.619
Yxy	58.9383, 0.3540, 0.4268
Android (android.graphics.Color)	4290826883 (0xFFC0D283)
YUV	195.6120, -31.8537, -3.1677
Hunter-Lab	76.7713, -20.6957, 30.3606

Details

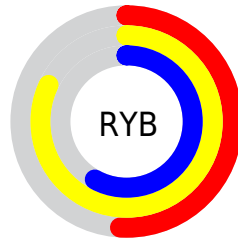
The XYZ color **48.8816, 58.9383, 30.2726** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.1457, 27.2768, 64.5467**, and the grayscale version is **52.4167, 55.1465, 60.0545**.

A 20% lighter version of the original color is **83.5839, 95.1625, 59.8618**, and **23.6530, 29.6745, 12.0705** is the 20% darker color. If you saturate the color by 10%, you get **46.4084, 57.8133, 23.4655**, and if you desaturate by 10%, it is **51.6856, 60.2042, 38.6034**.

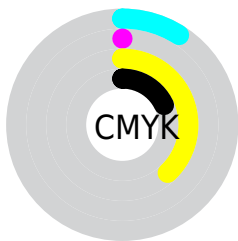
Distribution



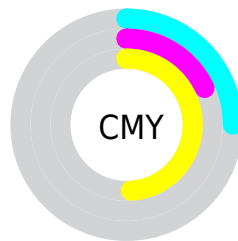
- Red (75%)
- Green (82%)
- Blue (51%)



- Red (51%)
- Yellow (82%)
- Blue (58%)



- Cyan (9%)
- Magenta (0%)
- Yellow (38%)
- Black (18%)





- Cyan (25%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8816, 58.9383, 30.2726 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 48.8816, 58.9383, 30.2726 by changing the saturation by 10% instead.


 48.8816, 58.9383,
30.2726


 48.8816, 58.9383,
30.2726


372.8007,
420.6732, 317.4198


 34.7397, 42.5635,
19.7918


 87.7174, 103.2880,
61.1591

 23.6280, 29.5427,
12.0612


 113.1419,
132.0316, 82.4019

 15.1812, 19.4918,
6.6623


 143.0581,
165.6670, 108.0690

 9.0338, 12.0262,
3.1766

177.8313,
204.5784, 138.5792

 4.8205, 6.7615,
1.1855

217.8268,
249.1504, 174.3508

 2.1760, 3.3134,
0.0000

263.4099,

 0.7300, 1.2975,

299.7672, 215.8024

0.0000

314.9461,
356.8134, 263.3525

■ 0.0000, 0.1392,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.8816, 58.9383,
30.2726

■ 48.8816, 58.9383,
30.2726

■ 46.4084, 57.8133,
23.4655

■ 51.6856, 60.2042,
38.6034

■ 44.2438, 56.8143,
18.0858


■ 54.8325, 61.6099,
48.5387


■ 42.3694, 55.9358,
14.0325


■ 58.3390, 63.1640,
60.1582


■ 40.7628, 55.1688,
11.1896


■ 62.2194, 64.8724,
73.5351


 39.3978, 54.5028,
9.4209


 66.4871, 66.7403,
88.7384


 38.2379, 53.9232,
8.5364

 70.8303, 68.6433,
104.1241

 37.9777, 53.7923,
8.3813

 72.3059, 69.4040,
104.1931

 73.8235, 70.1863,
104.2641

 75.3832, 70.9904,
104.3371

Harmonies

Analogous

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



57.0074, 58.9383, 27.3574



48.8816, 58.9383, 30.2726



43.2280, 58.9383, 41.3400

Triad

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



48.8816, 58.9383, 30.2726



47.3440, 58.9383, 112.8258



74.3489, 58.9383, 67.0290

Complementary

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



48.8816, 58.9383, 30.2726



32.1457, 27.2768, 64.5467

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.



71.1130, 58.9383, 94.1661



48.8816, 58.9383, 30.2726



55.0423, 58.9383, 124.5546

Square

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



48.8816, 58.9383, 30.2726



42.4067, 58.9383, 88.0118



63.8196, 58.9383, 116.9746



72.2712, 58.9383, 45.0829

Rectangle

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



48.8816, 58.9383, 30.2726



41.3250, 58.9383, 53.7535



63.8196, 58.9383, 116.9746



73.8389, 58.9383, 75.8606

Sweetspot

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



48.8831, 58.9409, 30.2739



88.5454, 97.1310, 86.7182



41.2853, 36.5584, 26.3540



18.7914, 20.7187, 18.0260



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.



48.8831, 58.9409, 30.2739



72.7770, 90.0540, 38.4541



40.3546, 54.5444, 29.8747



12.5290, 13.6561, 12.5876



23.2556, 32.8576, 5.1165



1.3663, 1.8712, 0.2892

Inverse Universe

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



32.1457, 27.2768, 64.5467



43.2748, 34.1997, 98.9281



40.3958, 31.5299, 64.9328



11.4122, 11.5458, 14.8707



7.9084, 3.2572, 37.4044



0.5131, 0.2187, 2.0947

Previews

White Background



This preview shows how the XYZ color 48.8816, 58.9383, 30.2726 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 48.8816, 58.9383, 30.2726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

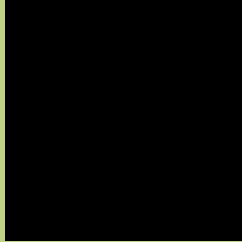
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8816, 58.9383, 30.2726

Background



This preview shows how black text looks on a background with the XYZ color 48.8816, 58.9383, 30.2726.



This preview shows how white text looks on a background with the XYZ color 48.8816, 58.9383,

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

48.8816, 58.9383, 30.2726

Protanopia

54.5320, 59.0152, 28.9390

Deuteranopia

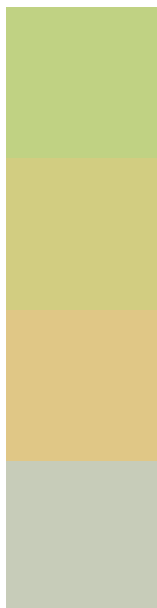
60.0611, 58.7664, 31.0992



Tritanopia

57.6775, 58.9629, 73.3068

Trichromacy



Original Color

48.8816, 58.9383, 30.2726

Protanomaly

52.3721, 58.9493, 29.3869

Deuteranomaly

55.4670, 58.4154, 30.9061

Tritanomaly

53.9030, 58.8306, 54.4134

Monochromacy



Original Color

48.8816, 58.9383, 30.2726

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.8387, 56.3539, 47.2276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8816, 58.9383, 30.2726 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(192, 210, 131)` looks like.

```
.text, #text, p{  
    color:rgb(192, 210, 131)  
}
```

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(192, 210, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 210, 131) }
```

Border

The CSS property to change the border of an element to XYZ 48.8816, 58.9383, 30.2726 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(192, 210, 131) }
```


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

```
.border{ border-color:rgb(192, 210, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 210, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 210, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 210, 131);  
box-shadow:4px 4px 4px 4px rgb(192, 210,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8816, 58.9383, 30.2726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 210, 131) }
```

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

```
.background{ background-color: rgb(192,  
210, 131) }
```

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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