

Converting Colors

XYZ(18.0267, 18.4956, 30.3297)

Have a look what the booklet for
XYZ(18.0267, 18.4956, 30.3297)
contains.

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Color

**XYZ(18.0476, 18.4884,
30.2212)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7793
RGB	108, 119, 147
RGB Percent	42%, 47%, 58%
CMY	0.5765, 0.5333, 0.4235
CMYK	0.27, 0.19, 0.00, 0.42
HSL	223°, 15%, 50%
HSV	223°, 27%, 58%
XYZ	18.0476, 18.4884, 30.2212
YIQ	118.9030, -15.5440, 6.3760

Conversions

Conversions Part 2

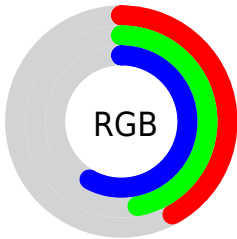
Format	Color
R _Y B	108, 117, 147
Decimal	7108499
CIE Lab	50.08, 2.54, -16.52
CIE LCh	50, 16.719, 278.750
Yxy	18.4884, 0.2703, 0.2769
Android (android.graphics.Color)	4285298579 (0xFF6C7793)
YUV	118.9030, 13.8518, -9.5619
Hunter-Lab	42.9981, -0.3250, -11.5732

Details

The XYZ color **18.0476, 18.4884, 30.2212** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.5437, 24.8940, 17.7519**, and the grayscale version is **17.4655, 18.3751, 20.0104**.

A 20% lighter version of the original color is **39.6027, 40.8164, 61.0494**, and **6.1682, 6.2808, 11.9535** is the 20% darker color. If you saturate the color by 10%, you get **15.2214, 15.2697, 29.7492**, and if you desaturate by 10%, it is **21.3160, 22.1430, 30.7547**.

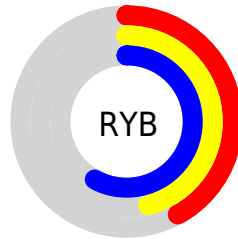
Distribution



Red (42%)

Green (47%)

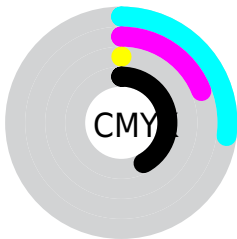
Blue (58%)



Red (42%)

Yellow (46%)

Blue (58%)

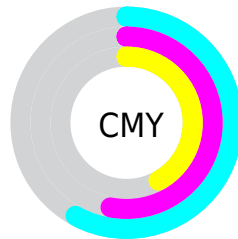


Cyan (27%)

Magenta (19%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0476, 18.4884, 30.2212 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 18.0476, 18.4884, 30.2212 by changing the saturation by 10% instead.

■ 18.0476, 18.4884,
30.2212

■ 18.0476, 18.4884,
30.2212

234.1796,
243.6097, 317.1735

■ 11.0841, 11.3012,
19.7531

■ 39.6479, 40.8678,
61.0770

■ 6.1911, 6.2698,
12.0334

■ 55.0153, 56.8288,
82.3017

■ 3.0034, 3.0098,
6.6436

■ 73.9147, 76.4832,
107.9490

■ 1.1556, 1.1369,
3.1652

■ 96.7116, 100.2153,
138.4374

■ 0.0708, 0.0092,
1.1796

123.7711,
128.4097, 174.1856

■ 0.0000, 0.0000,
0.0000

155.4587,

161.4506, 215.6119

192.1398,
199.7225, 263.1351

■ 18.0476, 18.4884,
30.2212

■ 18.0476, 18.4884,
30.2212

■ 15.2214, 15.2697,
29.7492

■ 21.3160, 22.1430,
30.7547

■ 12.8159, 12.4677,
29.3351

■ 25.0431, 26.2471,
31.3504

■ 10.8105, 10.0653,
28.9771

■ 29.2469, 30.8166,
32.0108

■ 9.1820, 8.0429,
28.6726

■ 33.9437, 35.8659,
32.7379

■ 7.9049, 6.3793,
28.4188

■ 39.1492, 41.4085,
33.5334

■ 6.9498, 5.0509,
28.2127

■ 44.8782, 47.4578,
34.3990

■ 6.2737, 4.0262,
28.0506

■ 51.1450, 54.0262,
35.3366

■ 6.0757, 3.7250,
28.0029

■ 57.9634, 61.1261,
36.3476

■ 65.3466, 68.7693,
37.4338

Harmonies

Analogous

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



16.4749, 18.4884, 29.5711



18.0476, 18.4884, 30.2212



19.5815, 18.4884, 27.8631

Triad

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



18.0476, 18.4884, 30.2212



20.0980, 18.4884, 15.0777



14.8436, 18.4884, 17.0866

Complementary

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



18.0476, 18.4884, 30.2212



23.5437, 24.8940, 17.7519

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.



15.7061, 18.4884, 13.9802



18.0476, 18.4884, 30.2212



18.7182, 18.4884, 12.9494

Square

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



18.0476, 18.4884, 30.2212



20.8118, 18.4884, 18.8125



17.1061, 18.4884, 12.5808



14.6884, 18.4884, 21.5091

Rectangle

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



18.0476, 18.4884, 30.2212



20.3530, 18.4884, 25.0869



17.1061, 18.4884, 12.5808



15.0578, 18.4884, 15.8745

Sweetspot

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



18.0482, 18.4891, 30.2216



43.6997, 45.7469, 55.9614



21.0588, 25.8321, 27.1505



9.7545, 10.2004, 12.7396



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.0482, 18.4891, 30.2216



29.1277, 29.4876, 53.5911



17.8918, 16.5760, 29.8606



5.6248, 5.8836, 7.3089



5.2861, 3.2671, 24.2830



0.0871, 0.0848, 0.3047

Inverse Universe

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



20.7254, 18.2605, 19.8859



34.8292, 29.2038, 31.5343



23.7133, 27.4008, 18.2268



5.8641, 5.8407, 6.3903



10.7953, 5.5232, 2.4030



0.1434, 0.0721, 0.0890

Previews

White Background



This preview shows how the XYZ color 18.0476, 18.4884, 30.2212 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0476, 18.4884, 30.2212 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 × Fail

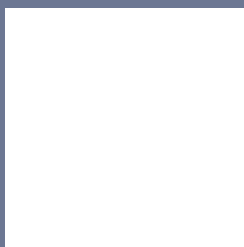
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0476, 18.4884, 30.2212

Background



This preview shows how black text looks on a background with the XYZ color 18.0476, 18.4884, 30.2212.



This preview shows how white text looks on a background with the XYZ color 18.0476, 18.4884,

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

18.0476, 18.4884, 30.2212

Protanopia

18.3488, 18.4769, 29.7934

Deuteranopia

18.9090, 18.5737, 30.6054



Tritanopia

16.8820, 18.5610, 24.1656

Trichromacy



Original Color

18.0476, 18.4884, 30.2212

Protanomaly

18.2223, 18.4117, 29.7875

Deuteranomaly

18.6338, 18.6057, 30.6261

Tritanomaly

17.2966, 18.5451, 26.3348

Monochromacy



Original Color

18.0476, 18.4884, 30.2212

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.6295, 18.4235, 23.3958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0476, 18.4884, 30.2212 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(108, 119, 147)` looks like.

```
.text, #text, p{  
    color:rgb(108, 119, 147)  
}
```

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(108, 119, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 119, 147) }
```

Border

The CSS property to change the border of an element to XYZ 18.0476, 18.4884, 30.2212 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(108, 119, 147) }
```


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

```
.border{ border-color:rgb(108, 119, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 119, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 119, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 119, 147);  
box-shadow:4px 4px 4px 4px rgb(108, 119,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0476, 18.4884, 30.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 119, 147) }
```

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

```
.background{ background-color: rgb(108,  
119, 147) }
```

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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