

Converting Colors

XYZ(30.0883, 21.8600, 15.1678)

Have a look what the booklet for
XYZ(30.0883, 21.8600, 15.1678)
contains.

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Color

**XYZ(30.1488, 21.8888,
15.2063)**

Conversions

Conversions Part 1

Format	Color
Hex	C66366
RGB	198, 99, 102
RGB Percent	78%, 39%, 40%
CMY	0.2235, 0.6117, 0.6000
CMYK	0.00, 0.50, 0.48, 0.22
HSL	358°, 46%, 58%
HSV	358°, 50%, 78%
XYZ	30.1488, 21.8888, 15.2063
YIQ	128.9430, 58.0410, 21.9210

Conversions

Conversions Part 2

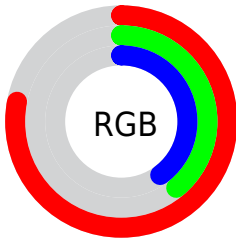
Format	Color
R _Y B	198, 99, 102
Decimal	13001574
CIE Lab	53.91, 39.66, 16.77
CIE LCh	54, 43.062, 22.916
Yxy	21.8888, 0.4483, 0.3255
Android (android.graphics.Color)	4291191654 (0xFFC66366)
YUV	128.9430, -13.2829, 60.5630
Hunter-Lab	46.7855, 33.1518, 13.4793

Details

The XYZ color **30.1488, 21.8888, 15.2063** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.1912, 46.9814, 58.8465**, and the grayscale version is **20.8778, 21.9651, 23.9200**.

A 20% lighter version of the original color is **58.2180, 46.0164, 35.9506**, and **12.5618, 7.9652, 4.4898** is the 20% darker color. If you saturate the color by 10%, you get **27.6531, 18.2490, 10.2080**, and if you desaturate by 10%, it is **33.3260, 26.5388, 21.5201**.

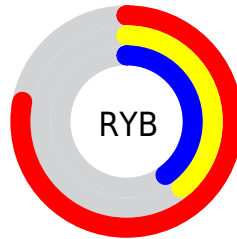
Distribution



Red (78%)

Green (39%)

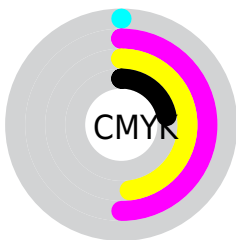
Blue (40%)



Red (78%)

Yellow (39%)

Blue (40%)

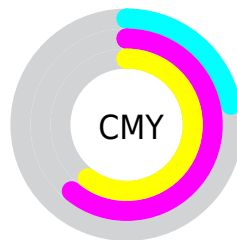


Cyan (0%)

Magenta (50%)

Yellow (48%)

Black (22%)



Cyan (22%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1488, 21.8888, 15.2063 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 30.1488, 21.8888, 15.2063 by changing the saturation by 10% instead.

 30.1488, 21.8888,
15.2063


 30.1488, 21.8888,
15.2063


294.4948,
261.9650, 236.2952


 20.1002, 13.7752,
8.8161


 59.2824, 46.5621,
35.9621


 12.5766, 7.9645,
4.5262


 79.0982, 63.8907,
51.1647

 7.2126, 4.0722,
1.9182


 102.9003, 85.0597,
70.1419

 3.6429, 1.7141,
0.5043

 131.0542,
110.4535, 93.3122

 1.5022, 0.4327,
0.0000

163.9253,
140.4565, 121.0942

 0.3273, 0.0000,
0.0000

201.8788,

 0.0000, 0.0000,

175.4532, 153.9063

0.0000

245.2802,
215.8279, 192.1671

■ 30.1488, 21.8888,
15.2063

■ 30.1488, 21.8888,
15.2063

■ 27.6531, 18.2490,
10.2080

■ 33.3260, 26.5388,
21.5201

■ 25.7876, 15.5412,
6.4314

■ 37.2277, 32.2625,
29.2322

■ 24.4963, 13.6818,
3.7720


■ 41.8954, 39.1225,
38.4196


■ 23.7129, 12.5703,
2.1073


■ 47.3670, 47.1755,
49.1538


■ 23.3215, 12.0190,
1.2629

■ 53.6778, 56.4742,
61.5012

 23.3214, 12.0188,
1.2627

 60.8611, 67.0686,
75.5248

 68.9483, 79.0056,
91.2838

 77.0986, 90.7457,
108.0599

Harmonies

Analogous

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



30.9704, 21.8888, 27.1243



30.1488, 21.8888, 15.2063



26.6596, 21.8888, 8.7114

Triad

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



30.1488, 21.8888, 15.2063



14.4696, 21.8888, 11.5103



19.7239, 21.8888, 59.2316

Complementary

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



30.1488, 21.8888, 15.2063



35.1912, 46.9814, 58.8465

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.



15.8766, 21.8888, 50.5707



30.1488, 21.8888, 15.2063



13.1493, 21.8888, 20.8197

Square

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



30.1488, 21.8888, 15.2063



17.5213, 21.8888, 7.1981



13.6232, 21.8888, 35.2274



24.4745, 21.8888, 55.9529

Rectangle

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



30.1488, 21.8888, 15.2063



23.5365, 21.8888, 6.8054



13.6232, 21.8888, 35.2274



18.2929, 21.8888, 57.5377

Sweetspot

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



30.1494, 21.8899, 15.2067



78.6312, 75.8140, 76.7551



37.0836, 24.5643, 56.2127



16.3953, 15.5872, 15.5750



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.



30.1494, 21.8899, 15.2067



48.6257, 31.8165, 17.3858



35.6975, 33.2197, 16.3366



10.6466, 10.6420, 11.1226



15.1723, 7.8185, 0.8512



0.7230, 0.3721, 0.0647

Inverse Universe

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



30.1494, 21.8899, 15.2067



48.6257, 31.8165, 17.3858



26.5355, 29.1227, 57.6485



10.6466, 10.6420, 11.1226



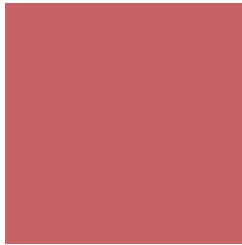
15.1723, 7.8185, 0.8512



0.7230, 0.3721, 0.0647

Previews

White Background



This preview shows how the XYZ color 30.1488, 21.8888, 15.2063 looks on a white background.

Color Contrast Check

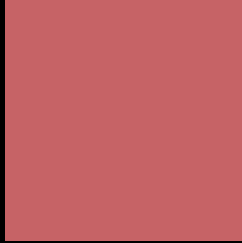
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1488, 21.8888, 15.2063 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 30.1488, 21.8888, 15.2063

Background



This preview shows how black text looks on a background with the XYZ color 30.1488, 21.8888, 15.2063.



This preview shows how white text looks on a background with the XYZ color 30.1488, 21.8888,

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

30.1488, 21.8888, 15.2063

Protanopia

21.0528, 22.1358, 19.9926

Deuteranopia

22.3612, 21.9725, 14.6178



Tritanopia

30.2062, 21.7611, 15.9729

Trichromacy



Original Color

30.1488, 21.8888, 15.2063

Protanomaly

23.5036, 21.3958, 18.2203

Deuteranomaly

24.7451, 21.5973, 14.6689

Tritanomaly

30.1551, 21.7406, 15.7037

Monochromacy



Original Color

30.1488, 21.8888, 15.2063

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.1346, 21.1588, 20.3175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1488, 21.8888, 15.2063 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(198, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(198, 99, 102)  
}
```

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(198, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 99, 102) }
```

Border

The CSS property to change the border of an element to XYZ 30.1488, 21.8888, 15.2063 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(198, 99, 102) }
```


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

```
.border{ border-color:rgb(198, 99, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 99, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(198, 99,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1488, 21.8888, 15.2063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 99, 102) }
```

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

```
.background{ background-color: rgb(198, 99,  
102) }
```

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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