

Converting Colors

YUV(122.4680, 30.3353,
-23.2124)

Have a look what the booklet for
YUV(122.4680, 30.3353, -23.2124)
contains.

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Color

**YUV(122.4680, 30.3353,
-23.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	607CB8
RGB	96, 124, 184
RGB Percent	38%, 49%, 72%
CMY	0.6235, 0.5137, 0.2784
CMYK	0.48, 0.33, 0.00, 0.28
HSL	221°, 38%, 55%
HSV	221°, 48%, 72%
XYZ	20.6833, 20.3628, 48.1877
YIQ	122.4680, -35.9480, 12.7240

Conversions

Conversions Part 2

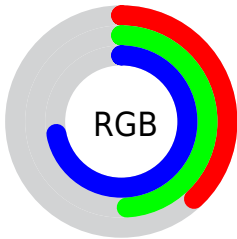
Format	Color
R _Y B	96, 117, 184
Decimal	6323384
CIE Lab	52.24, 6.58, -34.75
CIE LCh	52, 35.368, 280.730
Yxy	20.3628, 0.2318, 0.2282
Android (android.graphics.Color)	4284513464 (0xFF607CB8)
YUV	122.4680, 30.3353, -23.2124
Hunter-Lab	45.1251, 2.8470, -31.7263

Details

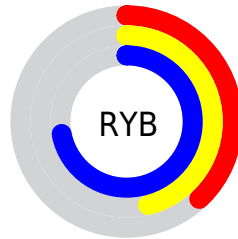
The YUV color $122.4680, 30.3353, -23.2124$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $157.5320, -30.3353, 23.2124$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.8210, 31.6402, -21.7680$, and $71.5060, 29.3305, -27.6308$ is the 20% darker color. If you saturate the color by 10%, you get $109.4550, 36.7507, -27.5860$, and if you desaturate by 10%, it is $135.4810, 23.9199, -18.8388$.

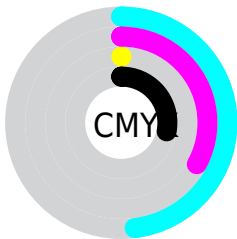
Distribution



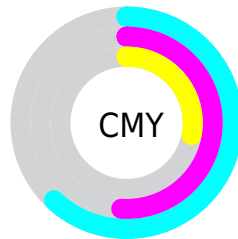
- Red (38%)
- Green (49%)
- Blue (72%)



- Red (38%)
- Yellow (46%)
- Blue (72%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)
- Black (28%)



- Cyan (62%)
- Magenta (51%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.4680, 30.3353, -23.2124 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 YUV color 122.4680, 30.3353, -23.2124 by changing the saturation by 10% instead.

■ 122.4680, 30.3353,
-23.2124

■ 122.4680, 30.3353,
-23.2124

■ 255.0000, 0.0000,
0.0000

■ 96.6420, 29.7565,
-24.2420

■ 175.8210, 31.6402,
-21.7680

■ 71.5060, 29.3305,
-27.6308

■ 202.3390, 25.9619,
-20.4683

■ 43.0810, 30.5261,
-37.7820

■ 227.1470, 13.7315,
-17.6689

■ 28.0180, 26.1201,
-24.5718

■ 249.3190, 2.8007,
-11.6808

■ 11.1940, 22.5824,
-9.8171

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 122.4680, 30.3353,
-23.2124

■ 122.4680, 30.3353,
-23.2124

■ 109.4550, 36.7507,
-27.5860

■ 135.4810, 23.9199,
-18.8388

■ 96.7300, 43.0241,
-33.0892

■ 148.2060, 17.6464,
-13.3357

■ 83.7170, 49.4395,
-37.4628

■ 161.2190, 11.2310,
-8.9621

■ 70.9920, 55.7129,
-42.9660

■ 173.9440, 4.9576,
-3.4589

■ 57.9790, 62.1284,
-47.3396

■ 186.9570, -1.4578,
0.9147

■ 55.6090, 63.2968,
-48.7691

■ 199.3830, -7.5838,
5.8031

■ 212.6950,
-14.1466, 10.7915

■ 225.1210,
-20.2727, 15.6799

■ 236.3400,
-25.8036, 16.3648

Harmonies

Analogous

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



105.5820, 37.1811, -72.4244



122.4680, 30.3353, -23.2124



128.2830, 21.0595, 12.0298

Triad

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



122.4680, 30.3353, -23.2124



125.3620, -18.9125, 46.1635



111.0900, -3.4954, -45.6829

Complementary

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



122.4680, 30.3353, -23.2124



157.5320, -30.3353, 23.2124

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.



117.3360, -19.8856, -15.2037



122.4680, 30.3353, -23.2124



123.5700, -27.8890, 31.9491

Square

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



122.4680, 30.3353, -23.2124



126.5270, -5.6828, 49.5268



121.0250, -28.1133, 10.5021



97.5700, 18.4530, -85.5689

Rectangle

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



122.4680, 30.3353, -23.2124



128.6290, 13.0009, 30.1434



121.0250, -28.1133, 10.5021



113.8480, -9.7851, -34.9467

Sweetspot

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



122.4680, 30.3353, -23.2124



216.3330, 11.6678, -9.0620



154.3820, 0.3047, -51.2010



105.5030, 7.1470, -5.7031



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



122.4680, 30.3353, -23.2124



144.4460, 47.1081, -36.3481



110.5170, 36.2271, 0.4236



85.7870, 3.0630, -2.4442



46.5470, 53.9603, -40.8217



8.4750, 9.6258, -7.4326

Inverse Universe

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



125.5040, -0.7415, 51.3010



148.9790, -0.9756, 79.8254



169.4830, -36.2271, -0.4236



86.0330, -0.0163, 5.2331



52.2300, -1.5924, 91.0063



9.3980, -0.1962, 16.3140

Previews

White Background



This preview shows how the YUV color 122.4680, 30.3353, -23.2124 looks on a white background.

Color Contrast Check

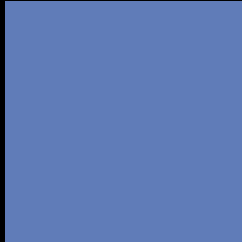
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 122.4680, 30.3353, -23.2124 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

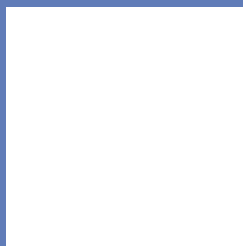
Any Text WCAG AAA × Fail

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

YUV 122.4680, 30.3353, -23.2124 Background



This preview shows how black text looks on a background with the YUV color 122.4680, 30.3353, -23.2124.



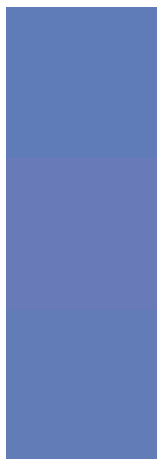
This preview shows how white text looks on a background with the YUV color 122.4680, 30.3353, -23.2124.

-23.2124.

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

122.4680, 30.3353, -23.2124

Protanopia

123.5720, 29.2980, -17.1646

Deuteranopia

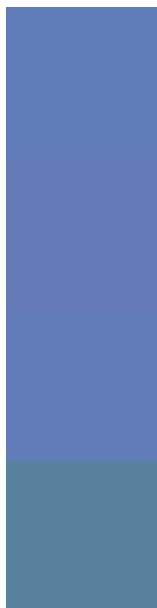
123.0660, 30.0405, -21.9829



Tritanopia

118.9020, 11.8803, -30.6091

Trichromacy



Original Color

122.4680, 30.3353, -23.2124

Protanomaly

123.2620, 29.4508, -19.5238

Deuteranomaly

122.7670, 30.1879, -22.5977

Tritanomaly

120.0470, 18.7108, -28.1052

Monochromacy



Original Color

122.4680, 30.3353, -23.2124

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.5180, 11.0836, -8.3473

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.4680, 30.3353, -23.2124 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(96, 124, 184)` looks like.

```
.text, #text, p{  
    color:rgb(96, 124, 184)  
}
```

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(96, 124, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 124, 184) }
```

Border

The CSS property to change the border of an element to YUV 122.4680, 30.3353, -23.2124 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(96, 124, 184) }
```


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

```
.border{ border-color:rgb(96, 124, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 124, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 124, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 124, 184);  
box-shadow:4px 4px 4px 4px rgb(96, 124,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 122.4680, 30.3353, -23.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 124, 184) }
```

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

```
.background{ background-color: rgb(96, 124,  
184) }
```

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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