

Converting Colors

YUV(120.3530, 18.0670,
-8.2026)

Have a look what the booklet for
YUV(120.3530, 18.0670, -8.2026)
contains.

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Color

**YUV(120.3530, 18.0670,
-8.2026)**

Conversions

Conversions Part 1

Format	Color
Hex	6F769D
RGB	111, 118, 157
RGB Percent	44%, 46%, 62%
CMY	0.5647, 0.5373, 0.3843
CMYK	0.29, 0.25, 0.00, 0.38
HSL	231°, 19%, 53%
HSV	231°, 29%, 62%
XYZ	19.1198, 18.7707, 34.5137
YIQ	120.3530, -16.6910, 10.6450

Conversions

Conversions Part 2

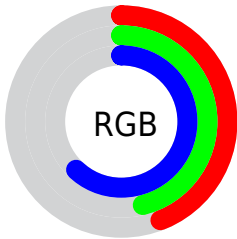
Format	Color
R_{YB}	111, 117, 157
Decimal	7304861
CIE _{Lab}	50.42, 6.68, -21.85
CIE _{LCh}	50, 22.852, 287.004
Yxy	18.7707, 0.2641, 0.2592
Android (android.graphics.Color)	4285494941 (0xFF6F769D)
YUV	120.3530, 18.0670, -8.2026
Hunter-Lab	43.3252, 2.9546, -16.9040

Details

The YUV color **120.3530, 18.0670, -8.2026** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **147.6470, -18.0670, 8.2026**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9940, 19.2300, -7.8877**, and **71.7120, 16.9040, -8.5174** is the 20% darker color. If you saturate the color by 10%, you get **107.9380, 24.1876, -11.3466**, and if you desaturate by 10%, it is **132.7680, 11.9464, -5.0585**.

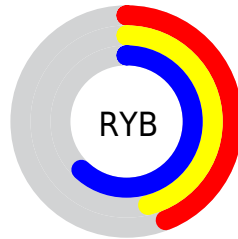
Distribution



Red (44%)

Green (46%)

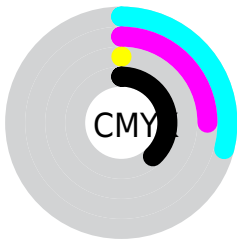
Blue (62%)



Red (44%)

Yellow (46%)

Blue (62%)

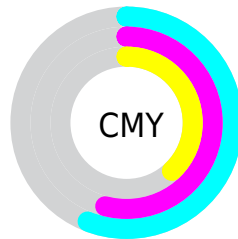


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (54%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3530, 18.0670, -8.2026 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 120.3530, 18.0670, -8.2026 by changing the saturation by 10% instead.

■ 120.3530, 18.0670,
-8.2026

■ 120.3530, 18.0670,
-8.2026

■ 255.0000, 0.0000,
0.0000

■ 95.2390, 17.6302,
-8.1026

■ 172.9940, 19.2300,
-7.8877

■ 71.7120, 16.9040,
-8.5174

■ 200.1080, 19.6668,
-7.9877

■ 48.7720, 15.8884,
-9.4470

■ 226.6260, 13.9884,
-6.6880

■ 26.6470, 15.4570,
-11.0914

■ 252.3200, 1.3212,
-3.7886

■ 4.2180, 16.1615,
-3.6992

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,

0.0000

■ 120.3530, 18.0670,
-8.2026

■ 120.3530, 18.0670,
-8.2026

■ 107.9380, 24.1876,
-11.3466

■ 132.7680, 11.9464,
-5.0585

■ 95.2350, 30.4501,
-13.3611

■ 145.4710, 5.6838,
-3.0441

■ 82.8200, 36.5707,
-16.5051

■ 157.8860, -0.4368,
0.1000

■ 70.4050, 42.6913,
-19.6492

■ 170.3010, -6.5574,
3.2440

■ 57.4030, 49.1013,
-22.2784

■ 183.3030,
-12.9674, 5.8733

■ 45.2870, 55.0745,
-24.8077

■ 195.4190,
-18.9406, 8.4025

■ 32.8720, 61.1951,
-27.9517

■ 207.8340,
-25.0612, 11.5466

■ 31.9860, 61.6319,
-28.0517

■ 220.2490,
-31.1818, 14.6906

■ 232.9520,
-37.4443, 16.7051

Harmonies

Analogous

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



115.2040, 20.6054, -29.1199



120.3530, 18.0670, -8.2026



122.5790, 12.0396, 11.7702

Triad

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



120.3530, 18.0670, -8.2026



121.4030, -14.4957, 29.4646



112.2860, -0.6340, -30.0688

Complementary

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



120.3530, 18.0670, -8.2026



147.6470, -18.0670, 8.2026

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.



115.0510, -10.8711, -13.1997



120.3530, 18.0670, -8.2026



119.5990, -18.5363, 18.7687

Square

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



120.3530, 18.0670, -8.2026



122.3030, -6.0654, 32.1833



117.4400, -17.4719, 3.9991



110.0700, 10.3185, -43.0344

Rectangle

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



120.3530, 18.0670, -8.2026



123.4510, 6.1867, 22.4065



117.4400, -17.4719, 3.9991



112.9940, -4.4340, -24.5507

Sweetspot

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



120.3530, 18.0670, -8.2026



189.2260, 7.2836, -2.8292



142.3340, 3.2863, -27.4799



92.8410, 4.5154, -1.6146



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



120.3530, 18.0670, -8.2026



146.9640, 28.1187, -12.2464



120.7290, 17.8816, 4.6227



72.4990, 3.2050, -1.3146



29.2160, 56.0955, -25.6224



2.8840, 5.9732, -2.5293

Inverse Universe

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



125.5520, -3.7231, 27.5799



155.3690, -6.0979, 42.6494



147.2710, -17.8816, -4.6227



73.5060, -0.7425, 4.8182



45.2650, -11.4696, 85.7136



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 120.3530, 18.0670, -8.2026 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 120.3530, 18.0670, -8.2026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

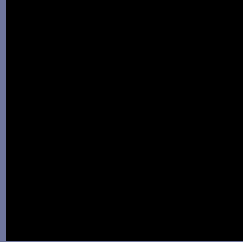
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.3530, 18.0670, -8.2026

Background



This preview shows how black text looks on a background with the YUV color 120.3530, 18.0670, -8.2026.



This preview shows how white text looks on a background with the YUV color 120.3530, 18.0670, -8.2026.

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

120.3530, 18.0670, -8.2026

Protanopia

119.7550, 18.3618, -9.4321

Deuteranopia

120.3530, 18.0670, -8.2026



Tritanopia

118.9430, 6.4371, -11.3510

Trichromacy



Original Color

120.3530, 18.0670, -8.2026

Protanomaly

120.0540, 18.2144, -8.8174

Deuteranomaly

120.3530, 18.0670, -8.2026

Tritanomaly

119.3930, 10.6523, -9.9917

Monochromacy



Original Color

120.3530, 18.0670, -8.2026

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3530, 18.0670, -8.2026 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(111, 118, 157)` looks like.

```
.text, #text, p{  
    color:rgb(111, 118, 157)  
}
```

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(111, 118, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 118, 157) }
```

Border

The CSS property to change the border of an element to YUV 120.3530, 18.0670, -8.2026 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(111, 118, 157) }
```


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

```
.border{ border-color:rgb(111, 118, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 118, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 118, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 118, 157); box-shadow:4px 4px 4px 4px rgb(111, 118, 157) }
```

Background

The CSS property to change the background color of an element to YUV 120.3530, 18.0670, -8.2026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 118, 157) }
```

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

```
.background{ background-color: rgb(111,  
118, 157) }
```

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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