

Converting Colors

YUV(126.1680, 18.6512,
-8.9173)

Have a look what the booklet for
YUV(126.1680, 18.6512, -8.9173)
contains.

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Color

**YUV(126.1680, 18.6512,
-8.9173)**

Conversions

Conversions Part 1

Format	Color
Hex	747CA4
RGB	116, 124, 164
RGB Percent	45%, 49%, 64%
CMY	0.5451, 0.5137, 0.3569
CMYK	0.29, 0.24, 0.00, 0.36
HSL	230°, 21%, 55%
HSV	230°, 29%, 64%
XYZ	21.1110, 20.8086, 38.0258
YIQ	126.1680, -17.6080, 10.7440

Conversions

Conversions Part 2

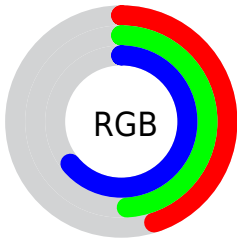
Format	Color
R _Y B	116, 123, 164
Decimal	7634084
CIE Lab	52.74, 6.51, -22.33
CIE LCh	53, 23.257, 286.260
Yxy	20.8086, 0.2641, 0.2603
Android (android.graphics.Color)	4285824164 (0xFF747CA4)
YUV	126.1680, 18.6512, -8.9173
Hunter-Lab	45.6165, 2.7795, -17.4924

Details

The YUV color $126.1680, 18.6512, -8.9173$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $153.8320, -18.6512, 8.9173$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.8090, 19.8142, -8.6025$, and $76.5270, 17.4882, -9.2322$ is the 20% darker color. If you saturate the color by 10%, you get $113.1660, 25.0612, -11.5466$, and if you desaturate by 10%, it is $139.1700, 12.2412, -6.2881$.

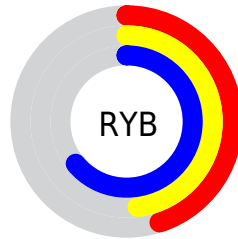
Distribution



Red (45%)

Green (49%)

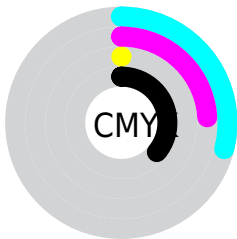
Blue (64%)



Red (45%)

Yellow (48%)

Blue (64%)

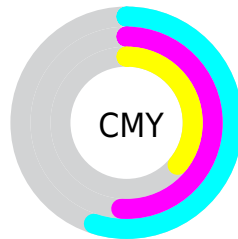


Cyan (29%)

Magenta (24%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.1680, 18.6512, -8.9173 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 126.1680, 18.6512, -8.9173 by changing the saturation by 10% instead.

■ 126.1680, 18.6512,
-8.9173

■ 126.1680, 18.6512,
-8.9173

255.0000, 0.0000,
0.0000

■ 101.0540, 18.2144,
-8.8174

■ 178.8090, 19.8142,
-8.6025

■ 76.5270, 17.4882,
-9.2322

■ 206.9230, 20.2510,
-8.7025

■ 53.5870, 16.4726,
-10.1618

■ 232.5290, 11.0782,
-6.6029

■ 31.4620, 16.0412,
-11.8062

254.7010, 0.1474,
-0.6148

■ 9.4840, 16.0304,
-8.3175

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 126.1680, 18.6512,
-8.9173

■ 126.1680, 18.6512,
-8.9173

■ 113.1660, 25.0612,
-11.5466

■ 139.1700, 12.2412,
-6.2881

■ 100.4520, 31.3292,
-15.3054

■ 151.8840, 5.9732,
-2.5293

■ 87.4500, 37.7392,
-17.9346

■ 164.8860, -0.4368,
0.1000

■ 74.1490, 44.2965,
-21.1787

■ 178.1870, -6.9942,
3.3440

■ 61.7340, 50.4171,
-24.3227

■ 190.6020,
-13.1148, 6.4880

■ 48.7320, 56.8271,
-26.9520

■ 203.6040,
-19.5248, 9.1173

■ 35.4310, 63.3845,
-30.1960

■ 216.9050,
-26.0822, 12.3613

■ 34.5450, 63.8213,
-30.2960

■ 229.3200,
-32.2028, 15.5054

■ 239.9300,
-37.4335, 13.2164

Harmonies

Analogous

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



121.0190, 21.1896, -29.8347



126.1680, 18.6512, -8.9173



128.6930, 12.4764, 11.6702

Triad

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



126.1680, 18.6512, -8.9173



127.1150, -14.3537, 30.5941



117.8730, -0.9234, -30.5836

Complementary

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



126.1680, 18.6512, -8.9173



153.8320, -18.6512, 8.9173

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.



120.9370, -11.3079, -13.0997



126.1680, 18.6512, -8.9173



125.1970, -18.8311, 19.9982

Square

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



126.1680, 18.6512, -8.9173



128.0150, -5.9234, 33.3128



123.6250, -18.0561, 4.7139



115.6570, 10.0291, -43.5492

Rectangle

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



126.1680, 18.6512, -8.9173



128.8640, 6.4760, 22.9213



123.6250, -18.0561, 4.7139



119.4670, -5.1602, -24.9656

Sweetspot

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



126.1680, 18.6512, -8.9173



198.9270, 7.4310, -3.4440



148.7360, 3.5812, -28.7095



97.5420, 4.6628, -2.2293



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



126.1680, 18.6512, -8.9173



155.1810, 28.9978, -14.1907



126.2560, 18.6078, 5.0375



75.2000, 3.3524, -1.9294



30.6180, 56.3903, -26.8520



3.8130, 6.9942, -3.3440

Inverse Universe

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



131.2640, -3.5812, 28.7095



162.9070, -5.3772, 44.8086



153.7440, -18.6078, -5.0375



75.9190, -0.4531, 5.3330



46.0910, -10.8909, 86.7432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 126.1680, 18.6512, -8.9173 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 126.1680, 18.6512, -8.9173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

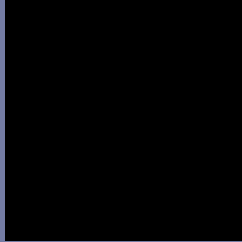
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.1680, 18.6512, -8.9173

Background



This preview shows how black text looks on a background with the YUV color 126.1680, 18.6512, -8.9173.



This preview shows how white text looks on a background with the YUV color 126.1680, 18.6512, -8.9173.

-8.9173.

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

126.1680, 18.6512, -8.9173

Protanopia

125.8690, 18.7986, -9.5321

Deuteranopia

126.4670, 18.5038, -8.3026



Tritanopia

124.7580, 7.0213, -12.0658

Trichromacy



Original Color

126.1680, 18.6512, -8.9173

Protanomaly

125.8690, 18.7986, -9.5321

Deuteranomaly

126.4670, 18.5038, -8.3026

Tritanomaly

125.2080, 11.2365, -10.7064

Monochromacy



Original Color

126.1680, 18.6512, -8.9173

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8130, 6.9942, -3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.1680, 18.6512, -8.9173 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(116, 124, 164)` looks like.

```
.text, #text, p{  
    color:rgb(116, 124, 164)  
}
```

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(116, 124, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 124, 164) }
```

Border

The CSS property to change the border of an element to YUV 126.1680, 18.6512, -8.9173 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(116, 124, 164) }
```


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

```
.border{ border-color:rgb(116, 124, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 124, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 124, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 124, 164); box-shadow:4px 4px 4px 4px rgb(116, 124, 164) }
```

Background

The CSS property to change the background color of an element to YUV 126.1680, 18.6512, -8.9173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 124, 164) }
```

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

```
.background{ background-color: rgb(116,  
124, 164) }
```

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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