

Converting Colors

YUV(118.7180, 34.6490,
-6.7687)

Have a look what the booklet for
YUV(118.7180, 34.6490, -6.7687)
contains.

YUV(118.7180, 34.6490, -6.7687)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(118.7180, 34.6490,
-6.7687)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6DBD
RGB	111, 109, 189
RGB Percent	44%, 43%, 74%
CMY	0.5647, 0.5725, 0.2588
CMYK	0.41, 0.42, 0.00, 0.26
HSL	242°, 38%, 58%
HSV	242°, 42%, 74%
XYZ	21.2095, 17.9909, 50.4988
YIQ	118.7180, -24.4880, 25.3040

Conversions

Conversions Part 2

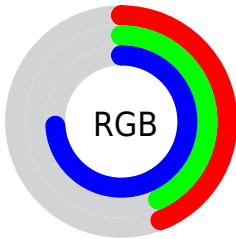
Format	Color
R_{YB}	111, 109, 189
Decimal	7302589
CIE _{Lab}	49.49, 21.01, -41.91
CIE _{LCh}	49, 46.878, 296.627
Yxy	17.9909, 0.2365, 0.2006
Android (android.graphics.Color)	4285492669 (0xFF6F6DBD)
YUV	118.7180, 34.6490, -6.7687
Hunter-Lab	42.4157, 15.0295, -40.8979

Details

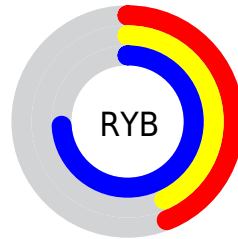
The YUV color **118.7180, 34.6490, -6.7687** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **179.2820, -34.6490, 6.7687**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5980, 36.6802, -4.9094**, and **68.8270, 32.6233, -10.3723** is the 20% darker color. If you saturate the color by 10%, you get **102.1830, 42.8008, -8.0535**, and if you desaturate by 10%, it is **135.2530, 26.4973, -5.4839**.

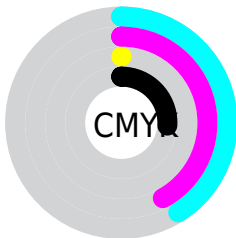
Distribution



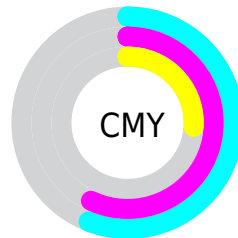
- Red (44%)
- Green (43%)
- Blue (74%)



- Red (44%)
- Yellow (43%)
- Blue (74%)



- Cyan (41%)
- Magenta (42%)
- Yellow (0%)
- Black (26%)



- Cyan (56%)
- Magenta (57%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7180, 34.6490, -6.7687 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 118.7180, 34.6490, -6.7687 by changing the saturation by 10% instead.

■ 118.7180, 34.6490,
-6.7687

■ 118.7180, 34.6490,
-6.7687

■ 255.0000, 0.0000,
0.0000

■ 93.4790, 33.7809,
-8.3131

■ 171.5980, 36.6802,
-4.9094

■ 68.8270, 32.6233,
-10.3723

■ 196.8450, 28.6704,
-2.4951

■ 44.2780, 31.9079,
-14.2758

■ 221.9520, 16.2927,
0.9191

■ 21.4300, 31.3400,
-18.7941

■ 247.6460, 3.6255,
3.8185

■ 6.9540, 26.6447,
-6.0987

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 118.7180, 34.6490,
-6.7687

■ 118.7180, 34.6490,
-6.7687

■ 102.1830, 42.8008,
-8.0535

■ 135.2530, 26.4973,
-5.4839

■ 85.3490, 51.0999,
-9.9531

■ 152.0870, 18.1981,
-3.5843

■ 68.8140, 59.2517,
-11.2379

■ 168.6220, 10.0464,
-2.2995

■ 51.9800, 67.5509,
-13.1375

■ 185.4560, 1.7472,
-0.3999

■ 36.0320, 75.4132,
-14.9371

■ 201.9910, -6.4046,
0.8849

■ 23.0410, 81.8178,
-15.8220

■ 218.2380,
-14.4143, 3.2993

■ 234.7730,
-22.5661, 4.5841

■ 247.4760,
-28.8287, 6.5985

Harmonies

Analogous

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



94.6590, 50.4541, -83.0159



118.7180, 34.6490, -6.7687



120.9100, 20.2574, 36.0359

Triad

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



118.7180, 34.6490, -6.7687



115.6540, -31.8744, 50.2924



93.1870, 9.2748, -81.7250

Complementary

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



118.7180, 34.6490, -6.7687



179.2820, -34.6490, 6.7687

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.



101.5280, -14.5573, -44.3131



118.7180, 34.6490, -6.7687



113.3230, -40.0922, 26.0267

Square

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



118.7180, 34.6490, -6.7687



115.9820, -15.7671, 64.0368



109.7320, -33.8849, -5.0270



97.7470, 26.7467, -85.7241

Rectangle

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



118.7180, 34.6490, -6.7687



119.0450, 8.8518, 54.3345



109.7320, -33.8849, -5.0270



91.0040, 3.4490, -79.8105

Sweetspot

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



118.7180, 34.6490, -6.7687



216.9470, 13.8301, -2.5845



164.4930, 12.0820, -48.6674



105.1660, 8.2992, -1.8996



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



118.7180, 34.6490, -6.7687



135.1470, 54.1575, -10.6529



130.3790, 28.9002, 17.2076



86.0260, 3.9312, -0.8998



19.2080, 68.4245, -13.3374



3.8330, 13.3933, -2.4845

Inverse Universe

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



141.8120, 22.2777, 41.3839



171.2830, 34.8635, 64.6498



167.6210, -28.9002, -17.2076



88.7170, 2.6045, 4.6332



64.7980, 43.9766, 81.7382



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 118.7180, 34.6490, -6.7687 looks on a white 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

Black Background



This preview shows how the YUV color 118.7180, 34.6490, -6.7687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

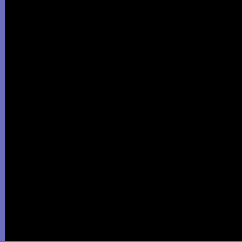
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.7180, 34.6490, -6.7687

Background



This preview shows how black text looks on a background with the YUV color 118.7180, 34.6490, -6.7687.



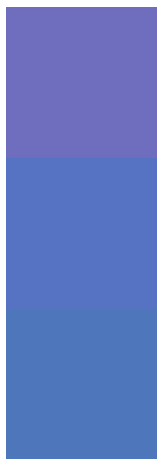
This preview shows how white text looks on a background with the YUV color 118.7180, 34.6490, -6.7687.

-6.7687.

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

118.7180, 34.6490, -6.7687

Protanopia

115.0360, 38.9293, -26.3416

Deuteranopia

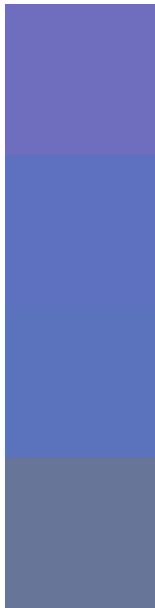
113.9060, 36.0353, -31.4896



Tritanopia

115.5510, 7.6164, -16.2692

Trichromacy



Original Color

118.7180, 34.6490, -6.7687

Protanomaly

116.3250, 37.3078, -19.5790

Deuteranomaly

115.8470, 35.5714, -22.6678

Tritanomaly

116.5050, 17.4990, -12.7209

Monochromacy



Original Color

118.7180, 34.6490, -6.7687

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.6050, 12.5197, -2.2846

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7180, 34.6490, -6.7687 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, 109, 189)` looks like.

```
.text, #text, p{  
    color:rgb(111, 109, 189)  
}
```

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, 109, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 109, 189) }
```

Border

The CSS property to change the border of an element to YUV 118.7180, 34.6490, -6.7687 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, 109, 189) }
```


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

```
.border{ border-color:rgb(111, 109, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 109, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 109, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 109, 189);  
box-shadow:4px 4px 4px 4px rgb(111, 109,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 118.7180, 34.6490, -6.7687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 109, 189) }
```

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

```
.background{ background-color: rgb(111,  
109, 189) }
```

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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