

Converting Colors

YUV(118.1230, 6.8414, -0.9849)

Have a look what the booklet for
YUV(118.1230, 6.8414, -0.9849)
contains.

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Color

**YUV(118.1230, 6.8414,
-0.9849)**

Conversions

Conversions Part 1

Format	Color
Hex	757484
RGB	117, 116, 132
RGB Percent	46%, 45%, 52%
CMY	0.5412, 0.5451, 0.4824
CMYK	0.11, 0.12, 0.00, 0.48
HSL	244°, 6%, 49%
HSV	244°, 12%, 52%
XYZ	17.7464, 17.9386, 24.3570
YIQ	118.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

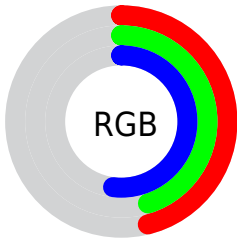
Format	Color
R_{YB}	117, 116, 132
Decimal	7697540
CIE Lab	49.42, 3.79, -8.61
CIE LCh	49, 9.409, 293.735
Yxy	17.9386, 0.2956, 0.2988
Android (android.graphics.Color)	4285887620 (0xFF757484)
YUV	118.1230, 6.8414, -0.9849
Hunter-Lab	42.3540, 0.6721, -4.4487

Details

The YUV color **118.1230, 6.8414, -0.9849** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **129.8770, -6.8414, 0.9849**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2370, 7.2782, -1.0848**, and **70.0090, 6.4046, -0.8849** is the 20% darker color. If you saturate the color by 10%, you get **106.9040, 12.3723, -1.6698**, and if you desaturate by 10%, it is **129.3420, 1.3104, -0.2999**.

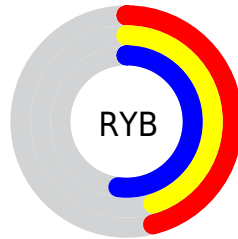
Distribution



Red (46%)

Green (45%)

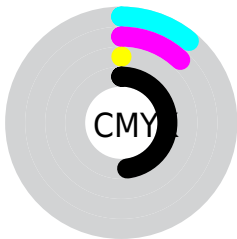
Blue (52%)



Red (46%)

Yellow (45%)

Blue (52%)

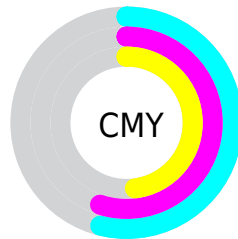


Cyan (11%)

Magenta (12%)

Yellow (0%)

Black (48%)



Cyan (54%)

Magenta (55%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1230, 6.8414, -0.9849 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 118.1230, 6.8414, -0.9849 by changing the saturation by 10% instead.

■ 118.1230, 6.8414,
-0.9849

■ 118.1230, 6.8414,
-0.9849

■ 255.0000, 0.0000,
0.0000

■ 93.1230, 6.8414,
-0.9849

■ 170.2370, 7.2782,
-1.0848

■ 70.0090, 6.4046,
-0.8849

■ 197.3510, 7.7150,
-1.1848

■ 47.5960, 6.1152,
-1.3997

■ 225.3510, 7.7150,
-1.1848

■ 26.4820, 5.6784,
-1.2997

■ 252.6410, 1.1630,
0.3148

■ 1.9380, 7.4256,
-1.6996

■ 0.0000, 0.0000,
0.0000

■ 118.1230, 6.8414,
-0.9849

■ 118.1230, 6.8414,
-0.9849

■ 106.9040, 12.3723,
-1.6698

■ 129.3420, 1.3104,
-0.2999

■ 95.3860, 18.0507,
-2.9695

■ 140.8600, -4.3680,
0.9998

■ 83.5800, 23.8711,
-3.1397

■ 152.6660,
-10.1883, 1.1699

■ 72.0620, 29.5494,
-4.4394

■ 164.1840,
-15.8667, 2.4696

■ 60.8430, 35.0804,
-5.1243

■ 175.4030,
-21.3977, 3.1546

■ 49.6240, 40.6114,
-5.8092

■ 186.6220,
-26.9286, 3.8395

■ 38.1060, 46.2897,
-7.1090

■ 198.1400,
-32.6070, 5.1392

■ 26.3000, 52.1101,

■ 209.9460,

-7.2791

-38.4274, 5.3094

■ 17.4400, 56.4781,
-8.2789

■ 221.1650,
-43.9583, 5.9943

Harmonies

Analogous

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



117.0080, 7.8841, -8.7770



118.1230, 6.8414, -0.9849



119.0700, 3.9095, 6.0776

Triad

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



118.1230, 6.8414, -0.9849



118.3560, -6.5845, 11.9658



114.9230, 0.0380, -12.2105

Complementary

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



118.1230, 6.8414, -0.9849



129.8770, -6.8414, 0.9849

Split Complementary

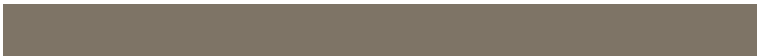
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



115.6310, -3.7621, -6.6924



118.1230, 6.8414, -0.9849



117.3940, -7.5892, 7.5475

Square

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



118.1230, 6.8414, -0.9849



118.7630, -3.8272, 14.2398



116.5780, -6.6940, 0.3701



114.7530, 4.5588, -15.5694

Rectangle

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



118.1230, 6.8414, -0.9849



119.4080, 1.2779, 10.1662



116.5780, -6.6940, 0.3701



115.2930, -1.1304, -10.7810

Sweetspot

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



118.1230, 6.8414, -0.9849



164.7980, 3.0576, -0.6998



126.6290, 2.6479, -9.3216



82.8690, 2.0366, 0.1149



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



118.1230, 6.8414, -0.9849



148.5620, 11.0619, -1.3699



120.5150, 5.6621, 3.9333



60.6840, 2.6208, -0.5999



17.2120, 55.6045, -8.0789



0.3420, 1.3104, -0.2999

Inverse Universe

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



122.4940, 4.1935, 8.3368



155.5100, 6.6506, 13.5847



127.4850, -5.6621, -3.9333



62.4780, 1.7363, 3.0888



52.7780, 34.1264, 67.7237



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 118.1230, 6.8414, -0.9849 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 118.1230, 6.8414, -0.9849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

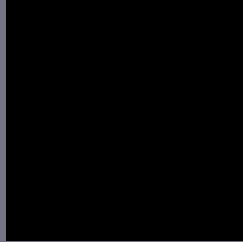
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.1230, 6.8414, -0.9849

Background



This preview shows how black text looks on a background with the YUV color 118.1230, 6.8414, -0.9849.



This preview shows how white text looks on a background with the YUV color 118.1230, 6.8414,

-0.9849.

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

118.1230, 6.8414, -0.9849

Protanopia

118.1120, 6.8468, -2.7292

Deuteranopia

118.4440, 6.6831, 3.1186



Tritanopia

117.7270, 4.0786, -1.5146

Trichromacy



Original Color

118.1230, 6.8414, -0.9849

Protanomaly

118.4110, 6.6994, -2.1144

Deuteranomaly

118.4330, 6.6885, 1.3743

Tritanomaly

117.9550, 4.9522, -1.7145

Monochromacy



Original Color

118.1230, 6.8414, -0.9849

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9830, 2.4734, 0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1230, 6.8414, -0.9849 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(117, 116, 132)` looks like.

```
.text, #text, p{  
    color:rgb(117, 116, 132)  
}
```

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(117, 116, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 116, 132) }
```

Border

The CSS property to change the border of an element to YUV 118.1230, 6.8414, -0.9849 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(117, 116, 132) }
```


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

```
.border{ border-color:rgb(117, 116, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 116, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 116, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 116, 132);  
box-shadow:4px 4px 4px 4px rgb(117, 116,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 118.1230, 6.8414, -0.9849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 116, 132) }
```

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

```
.background{ background-color: rgb(117,  
116, 132) }
```

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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