

Converting Colors

YUV(118.1330, -48.8726,
-4.5016)

Have a look what the booklet for
YUV(118.1330, -48.8726, -4.5016)
contains.

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Color

**YUV(118.1330, -48.8726,
-4.5016)**

Conversions

Conversions Part 1

Format	Color
Hex	718C13
RGB	113, 140, 19
RGB Percent	44%, 55%, 7%
CMY	0.5569, 0.4510, 0.9255
CMYK	0.19, 0.00, 0.86, 0.45
HSL	73°, 76%, 31%
HSV	73°, 86%, 55%
XYZ	16.3057, 22.3139, 4.0637
YIQ	118.1330, 22.7490, -43.3550

Conversions

Conversions Part 2

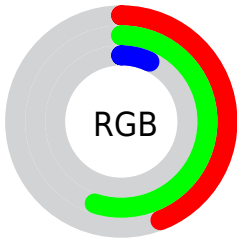
Format	Color
RYB	19, 140, 46
Decimal	7441427
CIELab	54.36, -25.45, 54.47
CIELCh	54, 60.121, 115.039
Yxy	22.3139, 0.3820, 0.5228
Android (android.graphics.Color)	4285631507 (0xFF718C13)
YUV	118.1330, -48.8726, -4.5016
Hunter-Lab	47.2376, -21.0504, 27.9658

Details

The YUV color **118.1330, -48.8726, -4.5016** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **40.8670, 48.8726, 4.5016**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8880, -47.2728, -4.2868**, and **71.0690, -35.0370, -8.8305** is the 20% darker color. If you saturate the color by 10%, you get **115.6400, -54.5455, -4.9463**, and if you desaturate by 10%, it is **120.6260, -43.1996, -4.0570**.

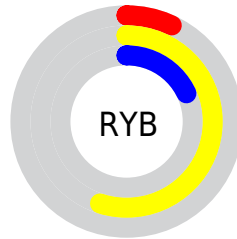
Distribution



Red (44%)

Green (55%)

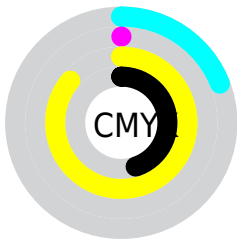
Blue (7%)



Red (7%)

Yellow (55%)

Blue (18%)

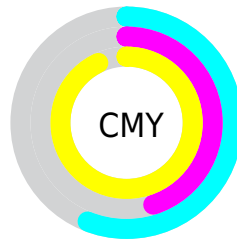


Cyan (19%)

Magenta (0%)

Yellow (86%)

Black (45%)



Cyan (56%)

Magenta (45%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1330, -48.8726, -4.5016 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 118.1330, -48.8726, -4.5016 by changing the saturation by 10% instead.

■ 118.1330,
-48.8726, -4.5016

■ 118.1330,
-48.8726, -4.5016

■ 255.0000, 0.0000,
0.0000

■ 92.6320, -45.6676,
-5.8163

■ 172.8880,
-47.2728, -4.2868

■ 71.0690, -35.0370,
-8.8305

■ 200.6600,
-48.1464, -4.0868

■ 48.9080, -24.1116,
-13.0743

■ 228.8450,
-48.7306, -3.3721

■ 27.0240, -13.3228,
-20.1920

■ 243.8280,
-42.8062, 9.7978

■ 14.0880, -6.9454,
-12.3552

■ 247.0200,
-30.5759, 6.9985

■ 0.0000, 0.0000,
0.0000

■ 250.3260,

-17.9087, 4.0991

253.6320, -5.2416,
1.1997

118.1330,
-48.8726, -4.5016

118.1330,
-48.8726, -4.5016

115.6400,
-54.5455, -4.9463

120.6260,
-43.1996, -4.0570

114.7710,
-56.5821, -5.0612

123.1190,
-37.5267, -3.6124

125.6120,
-31.8537, -3.1677

128.1050,
-26.1808, -2.7231

130.8970,
-20.6552, -1.6637

■ 133.3900,
-14.9823, -1.2190

■ 135.8830, -9.3093,
-0.7744

■ 138.3760, -3.6364,
-0.3298

■ 140.8690, 2.0366,
0.1149

Harmonies

Analogous

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



122.2260, -59.7644, 35.7588



118.1330, -48.8726, -4.5016



105.2670, -18.8656, -62.5012

Triad

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



118.1330, -48.8726, -4.5016



112.5600, 50.5029, -98.7151



127.0420, 6.8813, 79.7702

Complementary

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



118.1330, -48.8726, -4.5016



40.8670, 48.8726, 4.5016

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.



133.0280, 28.0872, 44.7024



118.1330, -48.8726, -4.5016



108.2690, 61.9854, -94.9519

Square

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



118.1330, -48.8726, -4.5016



110.1200, 30.9998, -96.5752



129.8770, 46.8956, -14.8011



124.9460, -17.7214, 84.2394

Rectangle

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



118.1330, -48.8726, -4.5016



101.3250, -0.1602, -88.8620



129.8770, 46.8956, -14.8011



128.9360, 14.3286, 71.0931

Sweetspot

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



118.1330, -48.8726, -4.5016



172.6520, -19.0554, -1.4488



70.4410, -25.3604, 61.0032



86.6010, -11.6353, -1.4041



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



118.1330, -48.8726, -4.5016



148.4060, -73.1642, -6.4951



100.1930, -40.0281, -41.3883



67.6040, -2.7628, -0.5297



108.8680, -53.6719, -5.1462



4.1310, -2.0366, -0.1149

Inverse Universe

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



40.8670, 48.8726, 4.5016



32.5940, 73.1642, 6.4951



58.8070, 40.0281, 41.3883



63.3960, 2.7628, 0.5297



24.1320, 53.6719, 5.1462



0.8690, 2.0366, 0.1149

Previews

White Background



This preview shows how the YUV color 118.1330, -48.8726, -4.5016 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 118.1330, -48.8726, -4.5016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

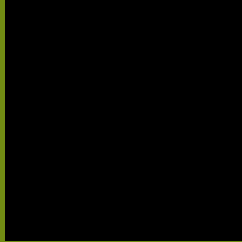
Any Text WCAG AA ✓ Pass

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 118.1330, -48.8726, -4.5016 Background



This preview shows how black text looks on a background with the YUV color 118.1330, -48.8726, -4.5016.



This preview shows how white text looks on a background with the YUV color 118.1330, -48.8726, -4.5016.

-4.5016.

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

118.1330, -48.8726, -4.5016

Protanopia

121.7880, -52.1535, 21.2339

Deuteranopia

124.4720, -46.0817, 33.7891



Tritanopia

129.7590, 5.5418, -4.1736

Trichromacy



Original Color

118.1330, -48.8726, -4.5016

Protanomaly

120.6620, -51.1054, 11.6974

Deuteranomaly

122.1560, -46.9119, 20.0342

Tritanomaly

125.8950, -14.2452, -4.2929

Monochromacy



Original Color

118.1330, -48.8726, -4.5016

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9940, -17.7450, -1.7487

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1330, -48.8726, -4.5016 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(113, 140, 19)` looks like.

```
.text, #text, p{  
    color:rgb(113, 140, 19)  
}
```

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(113, 140, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 140, 19) }
```

Border

The CSS property to change the border of an element to YUV 118.1330, -48.8726, -4.5016 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(113, 140, 19) }
```


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

```
.border{ border-color:rgb(113, 140, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 140, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 140, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 140, 19);  
box-shadow:4px 4px 4px 4px rgb(113, 140,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 118.1330, -48.8726, -4.5016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 140, 19) }
```

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

```
.background{ background-color: rgb(113,  
140, 19) }
```

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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