

Converting Colors

YUV(148.6050, -18.0463,
-45.2576)

Have a look what the booklet for
YUV(148.6050, -18.0463, -45.2576)
contains.

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Color

**YUV(148.6050, -18.0463,
-45.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	61B670
RGB	97, 182, 112
RGB Percent	38%, 71%, 44%
CMY	0.6196, 0.2863, 0.5608
CMYK	0.47, 0.00, 0.38, 0.29
HSL	131°, 37%, 55%
HSV	131°, 47%, 71%
XYZ	24.5823, 37.1671, 21.2076
YIQ	148.6050, -28.1900, -39.7900

Conversions

Conversions Part 2

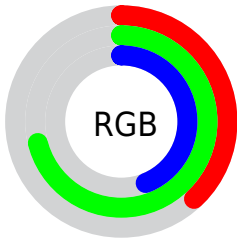
Format	Color
RYB	97, 169, 182
Decimal	6403696
CIELab	67.40, -40.93, 27.86
CIElCh	67, 49.512, 145.752
Yxy	37.1671, 0.2963, 0.4480
Android (android.graphics.Color)	4284593776 (0xFF61B670)
YUV	148.6050, -18.0463, -45.2576
Hunter-Lab	60.9649, -34.7135, 22.0504

Details

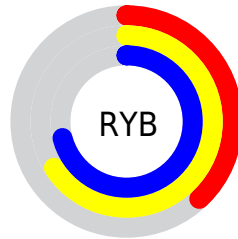
The YUV color **148.6050, -18.0463, -45.2576** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **130.3950, 18.0463, 45.2576**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4370, -19.9354, -45.9872**, and **94.2780, -15.4201, -47.6018** is the 20% darker color. If you saturate the color by 10%, you get **141.5130, -21.9449, -54.8239**, and if you desaturate by 10%, it is **155.6970, -14.1476, -35.6913**.

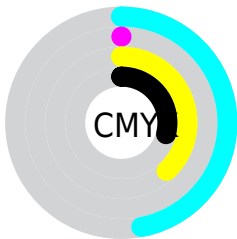
Distribution



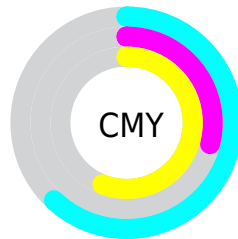
- Red (38%)
- Green (71%)
- Blue (44%)



- Red (38%)
- Yellow (66%)
- Blue (71%)



- Cyan (47%)
- Magenta (0%)
- Yellow (38%)
- Black (29%)



- Cyan (62%)
- Magenta (29%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.6050, -18.0463, -45.2576 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 148.6050, -18.0463, -45.2576 by changing the saturation by 10% instead.

■ 148.6050,
-18.0463, -45.2576

■ 148.6050,
-18.0463, -45.2576

■ 255.0000, 0.0000,
0.0000

■ 121.5340,
-17.0253, -46.0723

■ 204.4370,
-19.9354, -45.9872

■ 94.2780, -15.4201,
-47.6018

■ 225.3930,
-16.4627, -39.8097

■ 65.0210, -12.3354,
-57.0234

■ 237.2560, -8.5072,
-24.7805

■ 47.7240, -15.1469,
-41.8539

■ 249.1190, -0.5517,
-9.7514

■ 31.6980, -15.6271,
-27.7991

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 148.6050,
-18.0463, -45.2576

■ 148.6050,
-18.0463, -45.2576

■ 141.5130,
-21.9449, -54.8239

■ 155.6970,
-14.1476, -35.6913

■ 134.4210,
-25.8436, -64.3902

■ 162.7890,
-10.2490, -26.1250

■ 127.0300,
-29.5948, -74.5713

■ 170.1800, -6.4977,
-15.9439

■ 119.9380,
-33.4934, -84.1376

■ 177.2720, -2.5991,
-6.3775

■ 112.8460,
-37.3921, -93.7039

■ 184.3640, 1.2995,
3.1888

■ 110.4820,
-38.6916, -96.8927

■ 191.4560, 5.1982,
12.7551

■ 198.5480, 9.0968,
22.3214

■ 205.9390, 12.8481,
32.5025

■ 211.2370, 17.6312,
38.3802

Harmonies

Analogous

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



156.1190, -37.5267, -3.6124



148.6050, -18.0463, -45.2576



126.9660, 14.3138, -111.3492

Triad

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



148.6050, -18.0463, -45.2576



148.0560, 51.7374, -74.5941



164.7550, -18.1202, 72.1289

Complementary

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



148.6050, -18.0463, -45.2576



130.3950, 18.0463, 45.2576

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.



166.8140, 2.5567, 66.8151



148.6050, -18.0463, -45.2576



165.8580, 39.0170, -7.7685

Square

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



148.6050, -18.0463, -45.2576



133.2650, 51.1414, -116.8734



169.2030, 22.5779, 38.4100



162.7860, -35.3905, 58.0697

Rectangle

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



148.6050, -18.0463, -45.2576



131.0870, 27.5651, -114.9633



169.2030, 22.5779, 38.4100



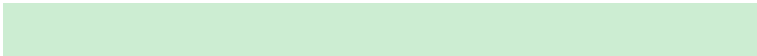
164.8890, -11.2843, 72.8883

Sweetspot

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



148.6050, -18.0463, -45.2576



224.0550, -6.9291, -17.5882



168.1240, -35.0641, -0.1087



111.7830, -4.3300, -11.2107



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



148.6050, -18.0463, -45.2576



184.8070, -28.0059, -70.8677



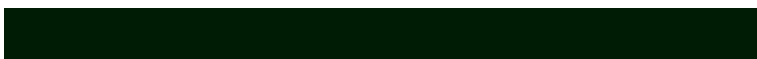
153.3930, 0.2993, -49.4567



88.3970, -2.1677, -4.7332



94.6500, -33.3514, -83.0080



17.0060, -5.9190, -14.9143

Inverse Universe

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



130.3950, 18.0463, 45.2576



156.3070, 28.4426, 70.7678



125.6070, -0.2993, 49.4567



86.4890, 1.7309, 4.8331



61.2360, 32.9147, 83.1080



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 148.6050, -18.0463, -45.2576 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 148.6050, -18.0463, -45.2576 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 ✓ Pass

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

YUV 148.6050, -18.0463, -45.2576 Background



This preview shows how black text looks on a background with the YUV color 148.6050, -18.0463, -45.2576.



This preview shows how white text looks on a background with the YUV color 148.6050, -18.0463, -45.2576.

-45.2576.

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

148.6050, -18.0463, -45.2576

Protanopia

160.7590, -27.9822, 15.1204

Deuteranopia

162.7310, -22.0524, 26.5459



Tritanopia

156.9550, 14.8122, -37.6715

Trichromacy



Original Color

148.6050, -18.0463, -45.2576

Protanomaly

156.5390, -24.4227, -6.6117

Deuteranomaly

157.3210, -20.3713, 0.5955

Tritanomaly

153.8440, 3.0349, -40.2052

Monochromacy



Original Color

148.6050, -18.0463, -45.2576

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8810, -6.3503, -16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6050, -18.0463, -45.2576 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(97, 182, 112)` looks like.

```
.text, #text, p{  
    color:rgb(97, 182, 112)  
}
```

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(97, 182, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 182, 112) }
```

Border

The CSS property to change the border of an element to YUV 148.6050, -18.0463, -45.2576 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(97, 182, 112) }
```


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

```
.border{ border-color:rgb(97, 182, 112) }
```

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

Here you see how a box with a 4 pixel rgb(97, 182, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 182, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 182, 112);  
box-shadow:4px 4px 4px 4px rgb(97, 182,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 148.6050, -18.0463, -45.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 182, 112) }
```

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

```
.background{ background-color: rgb(97, 182,  
112) }
```

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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