

Converting Colors

YUV(130.4650, -5.6522,
-53.9048)

Have a look what the booklet for
YUV(130.4650, -5.6522, -53.9048)
contains.

YUV(130.4650, -5.6522, -53.9048)	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(130.4650, -5.6522,
-53.9048)**

Conversions

Conversions Part 1

Format	Color
Hex	45A477
RGB	69, 164, 119
RGB Percent	27%, 64%, 47%
CMY	0.7294, 0.3569, 0.5333
CMYK	0.58, 0.00, 0.27, 0.36
HSL	152°, 41%, 46%
HSV	152°, 58%, 64%
XYZ	19.0595, 29.1480, 22.0744
YIQ	130.4650, -42.1750, -34.1350

Conversions

Conversions Part 2

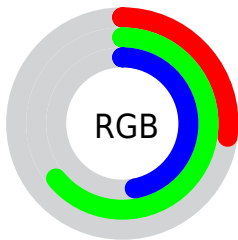
Format	Color
R_{YB}	69, 131, 164
Decimal	4564087
CIE _{Lab}	60.91, -38.86, 15.12
CIE _{LCh}	61, 41.696, 158.745
Yxy	29.1480, 0.2712, 0.4147
Android (android.graphics.Color)	4282754167 (0xFF45A477)
YUV	130.4650, -5.6522, -53.9048
Hunter-Lab	53.9889, -31.4655, 13.5504

Details

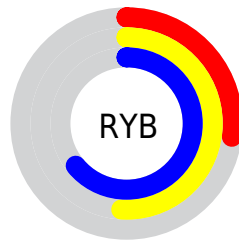
The YUV color **130.4650, -5.6522, -53.9048** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **102.5350, 5.6522, 53.9048**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0090, -7.3994, -53.5049**, and **73.1370, -1.5465, -64.1411** is the 20% darker color. If you saturate the color by 10%, you get **124.7690, -6.7881, -62.9414**, and if you desaturate by 10%, it is **136.1610, -4.5164, -44.8682**.

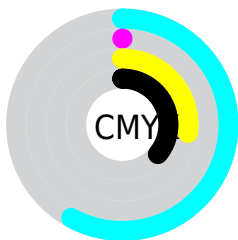
Distribution



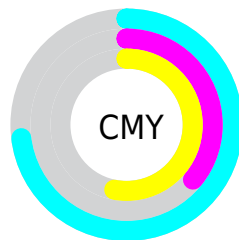
- Red (27%)
- Green (64%)
- Blue (47%)



- Red (27%)
- Yellow (51%)
- Blue (64%)



- Cyan (58%)
- Magenta (0%)
- Yellow (27%)
- Black (36%)




- Cyan (73%)
- Magenta (36%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.4650, -5.6522, -53.9048 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 130.4650, -5.6522, -53.9048 by changing the saturation by 10% instead.


 130.4650, -5.6522,
-53.9048


 130.4650, -5.6522,
-53.9048


255.0000, 0.0000,
0.0000


 102.4970, -4.1890,
-56.5639


 186.0090, -7.3994,
-53.5049

 73.1370, -1.5465,
-64.1411


 214.0090, -7.3994,
-53.5049


 55.9540, -3.9213,
-49.0717


 229.9810, -1.4696,
-42.0793

 39.3580, -6.5855,
-34.5170

 241.5450, 6.6333,
-27.6650

 23.5940, -11.1388,
-20.6919

 250.5150, 2.2111,
-9.2217

 3.5220, -1.7363,
-3.0888

 0.0000, 0.0000,

0.0000

■ 130.4650, -5.6522,
-53.9048

■ 130.4650, -5.6522,
-53.9048

■ 124.7690, -6.7881,
-62.9414

■ 136.1610, -4.5164,
-44.8682

■ 118.7740, -7.7766,
-72.5928

■ 142.1560, -3.5279,
-35.2168

■ 113.1920, -8.4757,
-81.7294

■ 147.7380, -2.8288,
-26.0802

■ 107.1970, -9.4641,
-91.3808

■ 153.7330, -1.8404,
-16.4288

■ 106.0720, -9.8955,
-93.0251

■ 159.4290, -0.7045,
-7.3922

■ 165.1250, 0.4314,
1.6444

■ 171.0060, 0.9830,
11.3957

■ 176.7020, 2.1189,
20.4323

■ 182.6970, 3.1074,
30.0837

Harmonies

Analogous

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



138.3590, -24.8270, -16.9778



130.4650, -5.6522, -53.9048



115.3400, 20.5384, -101.1532

Triad

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



130.4650, -5.6522, -53.9048



143.3620, 37.7825, -31.8895



147.3310, -21.8552, 56.7147

Complementary

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



130.4650, -5.6522, -53.9048



102.5350, 5.6522, 53.9048

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.



149.1800, -6.0047, 59.4781



130.4650, -5.6522, -53.9048



150.4770, 26.8798, 11.8597

Square

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



130.4650, -5.6522, -53.9048



117.2560, 48.1878, -102.8335



150.9620, 11.3577, 43.8833



145.8330, -33.4417, 39.6115

Rectangle

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



130.4650, -5.6522, -53.9048



117.4890, 31.3109, -103.0379



150.9620, 11.3577, 43.8833



148.0200, -16.7719, 59.6185

Sweetspot

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



130.4650, -5.6522, -53.9048



201.2980, -2.1189, -20.4323



138.5190, -34.2729, -20.6262



99.5810, -1.2724, -11.9105



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.



130.4650, -5.6522, -53.9048



161.0560, -8.9016, -85.1181



134.4210, 14.5824, -57.3742



78.8530, -0.4205, -5.1331



93.7790, -8.7650, -82.2442



11.5920, -1.2779, -10.1662

Inverse Universe

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



102.5350, 5.6522, 53.9048



116.9440, 8.9016, 85.1181



98.5790, -14.5824, 57.3742



76.1470, 0.4205, 5.1331



51.2210, 8.7650, 82.2442



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 130.4650, -5.6522, -53.9048 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 130.4650, -5.6522, -53.9048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

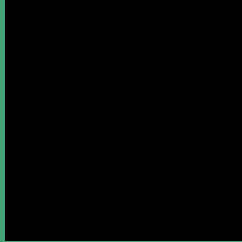
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.4650, -5.6522, -53.9048

Background



This preview shows how black text looks on a background with the YUV color 130.4650, -5.6522, -53.9048.



This preview shows how white text looks on a background with the YUV color 130.4650, -5.6522, -53.9048.

-53.9048.

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

130.4650, -5.6522, -53.9048

Protanopia

145.0000, -16.7620, 9.6470

Deuteranopia

146.5480, -11.1162, 18.8134



Tritanopia

136.9540, 16.2917, -45.5637

Trichromacy



Original Color

130.4650, -5.6522, -53.9048

Protanomaly

139.8830, -12.7603, -13.9294

Deuteranomaly

140.8390, -9.2876, -7.7518

Tritanomaly

134.7550, 8.0088, -48.8971

Monochromacy



Original Color

130.4650, -5.6522, -53.9048

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0100, -1.9769, -19.3028

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.4650, -5.6522, -53.9048 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(69, 164, 119)` looks like.

```
.text, #text, p{  
    color:rgb(69, 164, 119)  
}
```

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(69, 164, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 164, 119) }
```

Border

The CSS property to change the border of an element to YUV 130.4650, -5.6522, -53.9048 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(69, 164, 119) }
```


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

```
.border{ border-color:rgb(69, 164, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 164, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 164, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 164, 119);  
box-shadow:4px 4px 4px 4px rgb(69, 164,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 130.4650, -5.6522, -53.9048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 164, 119) }
```

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

```
.background{ background-color: rgb(69, 164,  
119) }
```

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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