

Converting Colors

YUV(164.2680, -20.3451,
-54.6090)

Have a look what the booklet for
YUV(164.2680, -20.3451, -54.6090)
contains.

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Color

**YUV(164.2680, -20.3451,
-54.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	66CC7B
RGB	102, 204, 123
RGB Percent	40%, 80%, 48%
CMY	0.6000, 0.2000, 0.5176
CMYK	0.50, 0.00, 0.40, 0.20
HSL	132°, 50%, 60%
HSV	132°, 50%, 80%
XYZ	30.6475, 47.4406, 26.2805
YIQ	164.2680, -34.7910, -46.8150

Conversions

Conversions Part 2

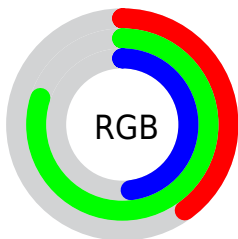
Format	Color
RYB	102, 187, 204
Decimal	6737019
CIELab	74.47, -47.10, 31.46
CIELCh	74, 56.637, 146.257
Yxy	47.4406, 0.2936, 0.4545
Android (android.graphics.Color)	4284927099 (0xFF66CC7B)
YUV	164.2680, -20.3451, -54.6090
Hunter-Lab	68.8771, -41.1097, 25.5915

Details

The YUV color **164.2680, -20.3451, -54.6090** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **141.7320, 20.3451, 54.6090**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.2900, -20.3560, -51.1203**, and **108.0440, -17.2767, -58.7976** is the 20% darker color. If you saturate the color by 10%, you get **156.4640, -24.3858, -65.3049**, and if you desaturate by 10%, it is **172.0720, -16.3045, -43.9131**.

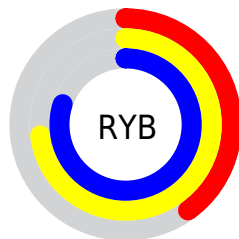
Distribution



Red (40%)

Green (80%)

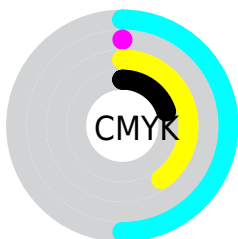
Blue (48%)



Red (40%)

Yellow (73%)

Blue (80%)

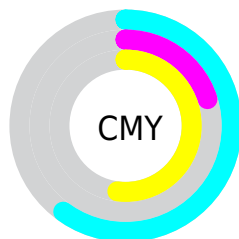


Cyan (50%)

Magenta (0%)

Yellow (40%)

Black (20%)



Cyan (60%)

Magenta (20%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2680, -20.3451, -54.6090 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 164.2680, -20.3451, -54.6090 by changing the saturation by 10% instead.

■ 164.2680,
-20.3451, -54.6090

■ 164.2680,
-20.3451, -54.6090

255.0000, 0.0000,
0.0000

■ 136.3110,
-18.8873, -55.5237

■ 217.2900,
-20.3560, -51.1203

■ 108.0440,
-17.2767, -58.7976

■ 229.1530,
-12.4004, -36.0912

■ 77.2000, -13.9026,
-67.7044

■ 241.0160, -4.4449,
-21.0620

■ 59.7890, -17.1510,
-52.4350

■ 252.3090, 1.3267,
-5.5330

■ 42.2640, -20.8362,
-37.0655

■ 28.7630, -14.1802,
-25.2252

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 164.2680,
-20.3451, -54.6090

■ 164.2680,
-20.3451, -54.6090

■ 156.4640,
-24.3858, -65.3049

■ 172.0720,
-16.3045, -43.9131

■ 148.3610,
-28.2790, -76.6156

■ 180.1750,
-12.4113, -32.6025

■ 140.4430,
-32.7564, -87.2115

■ 188.0930, -7.9338,
-22.0066

■ 132.3400,
-36.6496, -98.5222

■ 196.1960, -4.0406,
-10.6959

■ 124.5360,
-40.6902, -109.2181

■ 204.0000, 0.0000,
0.0000

■ 211.8040, 4.0406,
10.6959

■ 219.9070, 7.9338,
22.0066

■ 224.8350, 13.8853,
26.4547

■ 225.0630, 14.7589,
26.2547

Harmonies

Analogous

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



173.8000, -43.7784, -5.0866



164.2680, -20.3451, -54.6090



142.6330, 15.9569, -125.0891

Triad

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



164.2680, -20.3451, -54.6090



157.9310, 47.8550, -89.3935



175.5590, -17.5306, 69.6698

Complementary

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



164.2680, -20.3451, -54.6090



141.7320, 20.3451, 54.6090

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.



179.7260, 6.0511, 66.0153



164.2680, -20.3451, -54.6090



182.6580, 35.6646, -5.8391

Square

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



164.2680, -20.3451, -54.6090



148.2310, 52.6371, -129.9986



188.8710, 26.1926, 45.7171



180.6360, -41.2325, 65.2172

Rectangle

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



164.2680, -20.3451, -54.6090



146.7370, 31.6817, -128.6883



188.8710, 26.1926, 45.7171



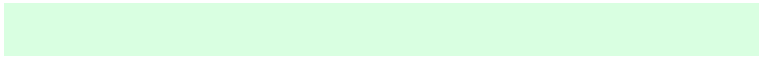
175.7360, -9.2368, 69.5145

Sweetspot

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



164.2680, -20.3451, -54.6090



240.2180, -7.5025, -20.3622



186.3920, -41.6053, -2.0978



118.9570, -4.9088, -12.2403



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



164.2680, -20.3451, -54.6090



195.4590, -30.2993, -81.9635



169.9680, 1.4948, -59.6079



98.0980, -2.0203, -5.3479



101.3180, -33.1878, -88.8559



23.2180, -7.5025, -20.3622

Inverse Universe

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



141.7320, 20.3451, 54.6090



161.5410, 30.2993, 81.9635



136.0320, -1.4948, 59.6079



95.9020, 2.0203, 5.3479



64.6820, 33.1878, 88.8559



14.7820, 7.5025, 20.3622

Previews

White Background



This preview shows how the YUV color 164.2680, -20.3451, -54.6090 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 164.2680, -20.3451, -54.6090 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 164.2680, -20.3451, -54.6090 Background



This preview shows how black text looks on a background with the YUV color 164.2680, -20.3451, -54.6090.



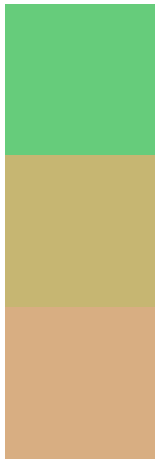
This preview shows how white text looks on a background with the YUV color 164.2680, -20.3451, -54.6090.

-54.6090.

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

164.2680, -20.3451, -54.6090

Protanopia

179.0320, -32.0608, 16.6349

Deuteranopia

181.5420, -25.4102, 30.2197



Tritanopia

174.1820, 17.1653, -45.7636

Trichromacy



Original Color

164.2680, -20.3451, -54.6090



Protanomaly

173.6050, -27.9063, -9.3006



Deuteranomaly

175.3980, -23.8602, -0.3490



Tritanomaly

170.9030, 3.4988, -49.0269

Monochromacy



Original Color

164.2680, -20.3451, -54.6090



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.2180, -7.5025, -20.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2680, -20.3451, -54.6090 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(102, 204, 123)` looks like.

```
.text, #text, p{  
    color:rgb(102, 204, 123)  
}
```

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(102, 204, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 204, 123) }
```

Border

The CSS property to change the border of an element to YUV 164.2680, -20.3451, -54.6090 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(102, 204, 123) }
```


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

```
.border{ border-color:rgb(102, 204, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 204, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 204, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 204, 123);  
box-shadow:4px 4px 4px 4px rgb(102, 204,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 164.2680, -20.3451, -54.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 204, 123) }
```

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

```
.background{ background-color: rgb(102,  
204, 123) }
```

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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