

Converting Colors

YUV(169.4060, -6.1162,
-45.0831)

Have a look what the booklet for
YUV(169.4060, -6.1162, -45.0831)
contains.

YUV(169.4060, -6.1162, -45.0831)	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(169.4060, -6.1162,
-45.0831)**

Conversions

Conversions Part 1

Format	Color
Hex	76C69D
RGB	118, 198, 157
RGB Percent	46%, 78%, 62%
CMY	0.5373, 0.2235, 0.3843
CMYK	0.40, 0.00, 0.21, 0.22
HSL	149°, 41%, 62%
HSV	149°, 40%, 78%
XYZ	33.7511, 46.6740, 39.1284
YIQ	169.4060, -34.5190, -29.7110

Conversions

Conversions Part 2

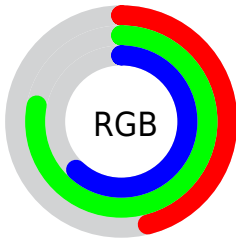
Format	Color
RYB	118, 172, 198
Decimal	7784093
CIELab	73.98, -33.78, 12.95
CIELCh	74, 36.177, 159.029
Yxy	46.6740, 0.2823, 0.3904
Android (android.graphics.Color)	4285974173 (0xFF76C69D)
YUV	169.4060, -6.1162, -45.0831
Hunter-Lab	68.3184, -31.3735, 13.8654

Details

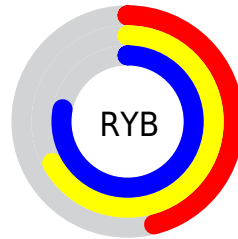
The YUV color **169.4060, -6.1162, -45.0831** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **146.5940, 6.1162, 45.0831**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5800, -6.6949, -46.1127**, and **115.7480, -4.8058, -45.3830** is the 20% darker color. If you saturate the color by 10%, you get **162.2860, -7.5360, -56.3788**, and if you desaturate by 10%, it is **176.5260, -4.6963, -33.7873**.

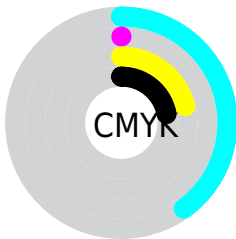
Distribution



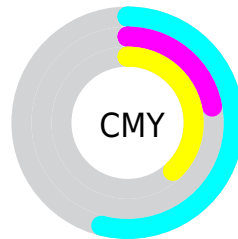
- Red (46%)
- Green (78%)
- Blue (62%)



- Red (46%)
- Yellow (67%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.4060, -6.1162, -45.0831 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 169.4060, -6.1162, -45.0831 by changing the saturation by 10% instead.

■ 169.4060, -6.1162,
-45.0831

■ 169.4060, -6.1162,
-45.0831

255.0000, 0.0000,
0.0000

■ 141.9330, -5.3900,
-44.6682

■ 225.5800, -6.6949,
-46.1127

■ 115.7480, -4.8058,
-45.3830

■ 237.1440, 1.4080,
-31.6983

■ 88.9650, -3.9267,
-47.3273

■ 247.5250, 3.6852,
-15.3694

■ 60.6160, -1.2897,
-53.1602

■ 44.0200, -3.9539,
-38.6055

■ 28.2390, -6.0338,
-24.7656

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 169.4060, -6.1162,
-45.0831

■ 169.4060, -6.1162,
-45.0831

■ 162.2860, -7.5360,
-56.3788

■ 176.5260, -4.6963,
-33.7873

■ 155.1660, -8.9558,
-67.6746

■ 183.6460, -3.2765,
-22.4915

■ 148.3450,
-10.5231, -78.3556

■ 190.4670, -1.7092,
-11.8106

■ 141.1110,
-12.3797, -89.5513

■ 197.7010, 0.1474,
-0.6148

■ 133.9910,
-13.7996, -100.8471

■ 204.8210, 1.5672,
10.6810

■ 127.2840,
-14.9300, -111.6281

■ 211.9410, 2.9871,
21.9767

■ 218.4630, 4.7017,
32.0429

■ 219.6030, 9.0697,
31.0432

■ 220.7430, 13.4377,
30.0434

Harmonies

Analogous

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



174.6520, -22.5064, -14.6038



169.4060, -6.1162, -45.0831



162.4960, 14.0525, -74.1030

Triad

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



169.4060, -6.1162, -45.0831



180.4400, 32.8141, -24.9419



183.3520, -20.3865, 52.3113

Complementary

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



169.4060, -6.1162, -45.0831



146.5940, 6.1162, 45.0831

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.



185.1470, -5.9885, 54.2451



169.4060, -6.1162, -45.0831



185.9670, 23.6803, 11.4299

Square

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



169.4060, -6.1162, -45.0831



169.7080, 36.1330, -62.8879



186.7720, 9.4794, 39.6650



181.6200, -30.3787, 37.1673

Rectangle

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



169.4060, -6.1162, -45.0831



159.3340, 26.4573, -86.2389



186.7720, 9.4794, 39.6650



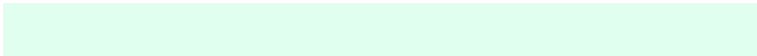
184.1010, -16.3188, 54.2854

Sweetspot

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



169.4060, -6.1162, -45.0831



243.9070, -2.4192, -17.4584



177.2190, -29.1950, -15.9781



121.4780, -1.7147, -10.0662



0.0000, 0.0000, 0.0000



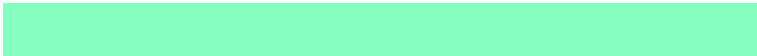
128.0000, 0.0000, 0.0000

Same Dimension

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



169.4060, -6.1162, -45.0831



211.3400, -9.5346, -68.7042



173.9660, 11.3558, -49.0822



95.7390, -0.8573, -5.0331



104.8010, -12.2269, -91.9105



23.0700, -2.9925, -20.2324

Inverse Universe

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



146.5940, 6.1162, 45.0831



176.5460, 9.0978, 68.8042



142.0340, -11.3558, 49.0822



93.2610, 0.8573, 5.0331



58.3130, 12.6637, 91.8105



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 169.4060, -6.1162, -45.0831 looks on a white background.

Color Contrast Check

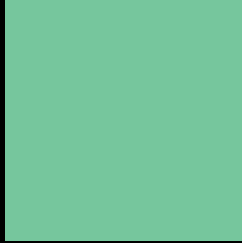
Large Text (above 18pt) WCAG AA × Fail

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 169.4060, -6.1162, -45.0831 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 169.4060, -6.1162, -45.0831 Background



This preview shows how black text looks on a background with the YUV color 169.4060, -6.1162, -45.0831.



This preview shows how white text looks on a background with the YUV color 169.4060, -6.1162, -45.0831.

-45.0831.

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

169.4060, -6.1162, -45.0831

Protanopia

180.2280, -15.8884, 9.4470

Deuteranopia

181.9010, -9.8112, 20.2578



Tritanopia

174.5850, 15.9806, -39.1010

Trichromacy



Original Color

169.4060, -6.1162, -45.0831

Protanomaly

176.0190, -12.3344, -10.5407

Deuteranomaly

177.3880, -8.5723, -3.8483

Tritanomaly

173.0980, 7.8397, -41.3049

Monochromacy



Original Color

169.4060, -6.1162, -45.0831

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.3200, -2.1298, -16.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.4060, -6.1162, -45.0831 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(118, 198, 157)` looks like.

```
.text, #text, p{  
    color:rgb(118, 198, 157)  
}
```

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(118, 198, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 198, 157) }
```

Border

The CSS property to change the border of an element to YUV 169.4060, -6.1162, -45.0831 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(118, 198, 157) }
```


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

```
.border{ border-color:rgb(118, 198, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 198, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 198, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 198, 157);  
box-shadow:4px 4px 4px 4px rgb(118, 198,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 169.4060, -6.1162, -45.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 198, 157) }
```

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

```
.background{ background-color: rgb(118,  
198, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor