

Converting Colors

YUV(163.6030, -11.6363,
-47.8868)

Have a look what the booklet for
YUV(163.6030, -11.6363, -47.8868)
contains.

YUV(163.6030, -11.6363, -47.8868)	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(163.6030, -11.6363,
-47.8868)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC48C
RGB	109, 196, 140
RGB Percent	43%, 77%, 55%
CMY	0.5725, 0.2314, 0.4510
CMYK	0.44, 0.00, 0.29, 0.23
HSL	141°, 42%, 60%
HSV	141°, 44%, 77%
XYZ	30.7802, 44.6245, 31.8020
YIQ	163.6030, -33.8760, -35.8600

Conversions

Conversions Part 2

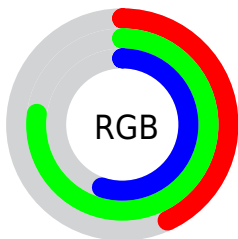
Format	Color
RYB	109, 173, 196
Decimal	7193740
CIELab	72.64, -38.73, 20.14
CIElCh	73, 43.650, 152.527
Yxy	44.6245, 0.2871, 0.4162
Android (android.graphics.Color)	4285383820 (0xFF6DC48C)
YUV	163.6030, -11.6363, -47.8868
Hunter-Lab	66.8016, -34.6552, 18.5351

Details

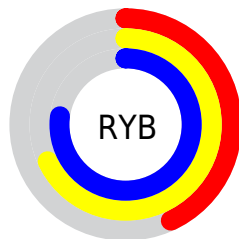
The YUV color **163.6030, -11.6363, -47.8868** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **141.3970, 11.6363, 47.8868**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.6630, -12.6519, -48.8165**, and **109.4610, -9.5943, -49.5163** is the 20% darker color. If you saturate the color by 10%, you get **156.1410, -14.3665, -58.8827**, and if you desaturate by 10%, it is **171.0650, -8.9060, -36.8910**.

Distribution



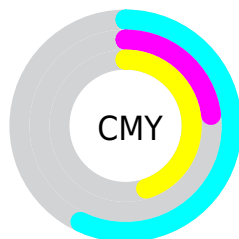
- Red (43%)
- Green (77%)
- Blue (55%)



- Red (43%)
- Yellow (68%)
- Blue (77%)



- Cyan (44%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.6030, -11.6363, -47.8868 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 163.6030, -11.6363, -47.8868 by changing the saturation by 10% instead.

■ 163.6030,
-11.6363, -47.8868

■ 163.6030,
-11.6363, -47.8868

255.0000, 0.0000,
0.0000

■ 136.1300,
-10.9101, -47.4720

■ 219.6630,
-12.6519, -48.8165

■ 109.4610, -9.5943,
-49.5163

■ 232.7000, -5.2751,
-34.8169

■ 81.5960, -7.6888,
-54.0197

■ 244.5630, 2.6804,
-19.7878

■ 57.7320, -7.2629,
-50.6310

■ 253.8040, 0.5896,
-2.4591

■ 41.2500, -9.4902,
-36.1763

■ 25.2410, -12.4438,
-22.1364

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 163.6030,
-11.6363, -47.8868

■ 163.6030,
-11.6363, -47.8868

■ 156.1410,
-14.3665, -58.8827

■ 171.0650, -8.9060,
-36.8910

■ 149.0920,
-16.8074, -69.3637

■ 178.1140, -6.4652,
-26.4100

■ 141.6300,
-19.5376, -80.3595


■ 185.5760, -3.7350,
-15.4142

■ 134.5810,
-21.9784, -90.8405

■ 192.6250, -1.2941,
-4.9331


■ 127.1190,
-24.7087, -101.8364

■ 200.0870, 1.4361,
6.0627

 123.0320,
-26.1448, -107.8991

 207.5490, 4.1663,
17.0585

 214.5980, 6.6072,
27.5396

 218.7710, 10.9589,
31.7728

 220.2530, 16.6373,
30.4731

Harmonies

Analogous

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



170.9100, -30.5216, -10.4451



163.6030, -11.6363, -47.8868



148.0970, 15.7282, -98.3091

Triad

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



163.6030, -11.6363, -47.8868



171.7950, 41.0201, -43.6702



179.9020, -21.1507, 64.1069

Complementary

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



163.6030, -11.6363, -47.8868



141.3970, 11.6363, 47.8868

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.



181.4130, -2.6686, 62.7818



163.6030, -11.6363, -47.8868



181.9860, 31.5589, 4.3973

Square

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



163.6030, -11.6363, -47.8868



146.0590, 50.2569, -113.1847



183.5040, 16.0205, 41.6540



177.6600, -34.3424, 48.5332

Rectangle

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



163.6030, -11.6363, -47.8868



140.4110, 32.8284, -123.1404



183.5040, 16.0205, 41.6540



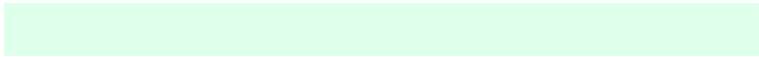
180.2210, -14.8990, 65.5812

Sweetspot

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



163.6030, -11.6363, -47.8868



242.7390, -4.3083, -18.1881



177.1120, -33.5792, -9.7452



120.1250, -3.0196, -11.5106



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.



163.6030, -11.6363, -47.8868



204.7170, -18.1015, -74.2968



168.5050, 7.1460, -52.1859



93.3260, -1.1467, -5.5479



101.0050, -21.6945, -88.5814



20.7390, -4.3083, -18.1881

Inverse Universe

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



141.3970, 11.6363, 47.8868



170.2830, 18.1015, 74.2968



136.4950, -7.1460, 52.1859



90.6740, 1.1467, 5.5479



59.8810, 21.2577, 88.6814



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 163.6030, -11.6363, -47.8868 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 163.6030, -11.6363, -47.8868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

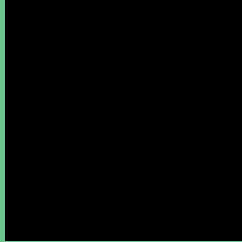
Any Text WCAG AA ✓ Pass

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 163.6030, -11.6363, -47.8868 Background



This preview shows how black text looks on a background with the YUV color 163.6030, -11.6363, -47.8868.



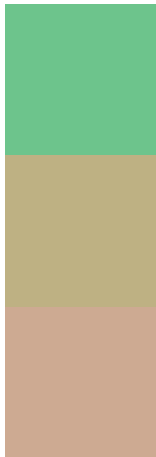
This preview shows how white text looks on a background with the YUV color 163.6030, -11.6363, -47.8868.

-47.8868.

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

163.6030, -11.6363, -47.8868

Protanopia

175.6430, -22.0090, 12.5911

Deuteranopia

177.7290, -15.6424, 23.9167



Tritanopia

170.5740, 15.9860, -40.8454

Trichromacy



Original Color

163.6030, -11.6363, -47.8868

Protanomaly

171.4230, -18.4495, -9.1410

Deuteranomaly

172.3190, -13.9613, -2.0338

Tritanomaly

168.2180, 5.8085, -43.1642

Monochromacy



Original Color

163.6030, -11.6363, -47.8868

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0380, -4.4557, -17.5733

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.6030, -11.6363, -47.8868 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(109, 196, 140)` looks like.

```
.text, #text, p{  
    color:rgb(109, 196, 140)  
}
```

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(109, 196, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 196, 140) }
```

Border

The CSS property to change the border of an element to YUV 163.6030, -11.6363, -47.8868 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(109, 196, 140) }
```


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

```
.border{ border-color:rgb(109, 196, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 196, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 196, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 196, 140);  
box-shadow:4px 4px 4px 4px rgb(109, 196,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 163.6030, -11.6363, -47.8868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 196, 140) }
```

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

```
.background{ background-color: rgb(109,  
196, 140) }
```

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