

Converting Colors

YUV(166.9610, -11.3198,
-56.0938)

Have a look what the booklet for
YUV(166.9610, -11.3198, -56.0938)
contains.

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Color

**YUV(166.9610, -11.3198,
-56.0938)**

Conversions

Conversions Part 1

Format	Color
Hex	67CC90
RGB	103, 204, 144
RGB Percent	40%, 80%, 56%
CMY	0.5961, 0.2000, 0.4353
CMYK	0.50, 0.00, 0.29, 0.20
HSL	144°, 50%, 60%
HSV	144°, 50%, 80%
XYZ	32.2204, 48.0829, 33.9683
YIQ	166.9610, -40.9360, -40.0720

Conversions

Conversions Part 2

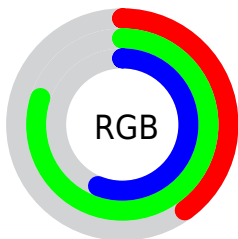
Format	Color
RYB	103, 175, 204
Decimal	6802576
CIELab	74.88, -43.08, 21.04
CIELCh	75, 47.943, 153.969
Yxy	48.0829, 0.2820, 0.4208
Android (android.graphics.Color)	4284992656 (0xFF67CC90)
YUV	166.9610, -11.3198, -56.0938
Hunter-Lab	69.3418, -38.4063, 19.4951

Details

The YUV color **166.9610, -11.3198, -56.0938** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **140.0390, 11.3198, 56.0938**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0970, -10.8938, -52.7051**, and **110.9220, -8.8355, -59.5676** is the 20% darker color. If you saturate the color by 10%, you get **159.6130, -13.6132, -67.1896**, and if you desaturate by 10%, it is **174.3090, -9.0263, -44.9980**.

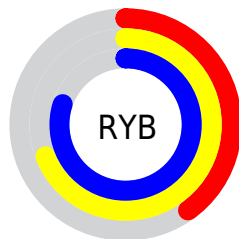
Distribution



Red (40%)

Green (80%)

Blue (56%)



Red (40%)

Yellow (69%)

Blue (80%)

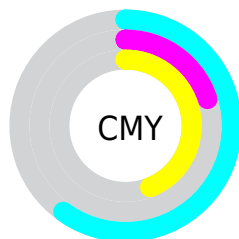


Cyan (50%)

Magenta (0%)

Yellow (29%)

Black (20%)



Cyan (60%)

Magenta (20%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9610, -11.3198, -56.0938 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 166.9610, -11.3198, -56.0938 by changing the saturation by 10% instead.

■ 166.9610,
-11.3198, -56.0938

■ 166.9610,
-11.3198, -56.0938

255.0000, 0.0000,
0.0000

■ 138.8900,
-10.2988, -56.9085

■ 220.0970,
-10.8938, -52.7051

■ 110.9220, -8.8355,
-59.5676

■ 231.6610, -2.7909,
-38.2907

■ 80.0670, -5.4560,
-70.2188

■ 243.6380, 5.6015,
-23.3615

■ 62.1830, -7.9782,
-54.5345

■ 252.6080, 1.1793,
-4.9182

■ 45.1140, -9.9162,
-39.5650

■ 28.7630, -14.1802,
-25.2252

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 166.9610,
-11.3198, -56.0938

■ 166.9610,
-11.3198, -56.0938

■ 159.6130,
-13.6132, -67.1896

■ 174.3090, -9.0263,
-44.9980

■ 151.9660,
-15.7592, -78.9002

■ 181.9560, -6.8803,
-33.2874

■ 144.6180,
-18.0527, -89.9960


■ 189.3040, -4.5869,
-22.1916


■ 136.9710,
-20.1987, -101.7066

■ 196.9510, -2.4408,
-10.4810

■ 129.5090,
-22.9289, -112.7024


■ 204.4130, 0.2894,
0.5148

 129.2100,
-22.7815, -113.3172

 211.7610, 2.5828,
11.6106

 219.4080, 4.7289,
23.3212

 223.4670, 8.6438,
27.6544

 224.8350, 13.8853,
26.4547

Harmonies

Analogous

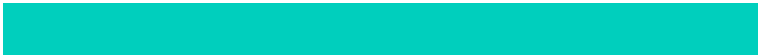
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.3180, -32.6948, -13.4339



166.9610, -11.3198, -56.0938



143.0550, 22.6509, -125.4592

Triad

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



166.9610, -11.3198, -56.0938



175.6160, 39.1363, -46.1442



182.2610, -22.3137, 63.7921

Complementary

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



166.9610, -11.3198, -56.0938



140.0390, 11.3198, 56.0938

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.



183.6410, -1.7950, 62.5818



166.9610, -11.3198, -56.0938



188.0510, 33.0059, 6.9713

Square

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



166.9610, -11.3198, -56.0938



145.8830, 53.7947, -127.9394



189.4770, 17.0198, 47.8167



183.2430, -38.5738, 52.4069

Rectangle

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



166.9610, -11.3198, -56.0938



146.4750, 35.7548, -128.4586



189.4770, 17.0198, 47.8167



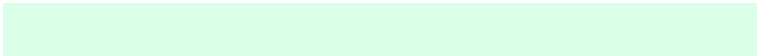
182.0960, -15.3303, 63.9368

Sweetspot

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



166.9610, -11.3198, -56.0938



241.0160, -4.4449, -21.0620



180.5260, -38.2203, -14.4933



119.5270, -2.7248, -12.7402



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.



166.9610, -11.3198, -56.0938



200.0040, -16.7640, -83.3185



172.6610, 10.5201, -61.0927



98.3260, -1.1467, -5.5479



105.0800, -18.7734, -92.1552



24.1300, -4.0081, -21.1620

Inverse Universe

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



140.0390, 11.3198, 56.0938



159.9960, 16.7640, 83.3185



134.3390, -10.5201, 61.0927



95.6740, 1.1467, 5.5479



60.8060, 18.3366, 92.2551



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 166.9610, -11.3198, -56.0938 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 166.9610, -11.3198, -56.0938 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 166.9610, -11.3198, -56.0938 Background



This preview shows how black text looks on a background with the YUV color 166.9610, -11.3198, -56.0938.



This preview shows how white text looks on a background with the YUV color 166.9610, -11.3198, -56.0938.

-56.0938.

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

166.9610, -11.3198, -56.0938

Protanopia

181.7140, -23.0300, 13.4058

Deuteranopia

183.8000, -16.6634, 24.7314



Tritanopia

174.3990, 18.0443, -47.7079

Trichromacy



Original Color

166.9610, -11.3198, -56.0938



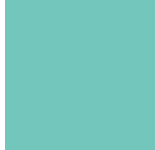
Protanomaly

176.5860, -19.0229, -11.9149



Deuteranomaly

177.4820, -14.5346, -4.8077



Tritanomaly

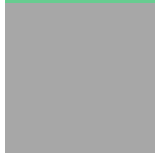
171.6300, 7.5774, -50.5415

Monochromacy



Original Color

166.9610, -11.3198, -56.0938



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

166.8420, -3.8661, -20.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9610, -11.3198, -56.0938 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(103, 204, 144)` looks like.

```
.text, #text, p{  
    color:rgb(103, 204, 144)  
}
```

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(103, 204, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 204, 144) }
```

Border

The CSS property to change the border of an element to YUV 166.9610, -11.3198, -56.0938 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(103, 204, 144) }
```


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

```
.border{ border-color:rgb(103, 204, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 204, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 204, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 204, 144);  
box-shadow:4px 4px 4px 4px rgb(103, 204,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 166.9610, -11.3198, -56.0938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 204, 144) }
```

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

```
.background{ background-color: rgb(103,  
204, 144) }
```

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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