

Converting Colors

YUV(166.3710, -19.9029,
-56.4534)

Have a look what the booklet for
YUV(166.3710, -19.9029, -56.4534)
contains.

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Color

**YUV(166.3710, -19.9029,
-56.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	66CF7E
RGB	102, 207, 126
RGB Percent	40%, 81%, 49%
CMY	0.6000, 0.1882, 0.5059
CMYK	0.51, 0.00, 0.39, 0.19
HSL	134°, 52%, 61%
HSV	134°, 51%, 81%
XYZ	31.5582, 48.9568, 27.5250
YIQ	166.3710, -36.5790, -47.4510

Conversions

Conversions Part 2

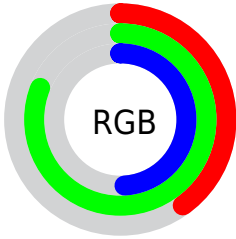
Format	Color
RYB	102, 187, 207
Decimal	6737790
CIELab	75.42, -47.84, 31.17
CIELCh	75, 57.101, 146.917
Yxy	48.9568, 0.2921, 0.4531
Android (android.graphics.Color)	4284927870 (0xFF66CF7E)
YUV	166.3710, -19.9029, -56.4534
Hunter-Lab	69.9691, -41.9370, 25.6544

Details

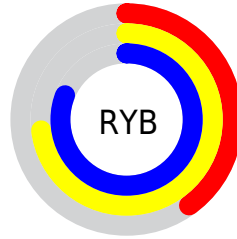
The YUV color **166.3710, -19.9029, -56.4534** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **142.6290, 19.9029, 56.4534**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6320, -19.0456, -51.4203**, and **109.8480, -16.6871, -61.2567** is the 20% darker color. If you saturate the color by 10%, you get **158.2680, -23.7961, -67.7640**, and if you desaturate by 10%, it is **174.4740, -16.0097, -45.1427**.

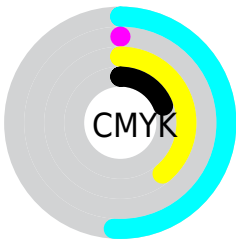
Distribution



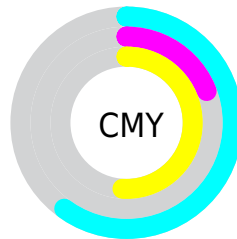
- Red (40%)
- Green (81%)
- Blue (49%)



- Red (40%)
- Yellow (73%)
- Blue (81%)



- Cyan (51%)
- Magenta (0%)
- Yellow (39%)
- Black (19%)



- Cyan (60%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3710, -19.9029, -56.4534 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 166.3710, -19.9029, -56.4534 by changing the saturation by 10% instead.

■ 166.3710,
-19.9029, -56.4534

■ 166.3710,
-19.9029, -56.4534

255.0000, 0.0000,
0.0000

■ 138.3000,
-18.8819, -57.2681

■ 217.6320,
-19.0456, -51.4203

■ 109.8480,
-16.6871, -61.2567

■ 229.4950,
-11.0900, -36.3911

■ 79.3030, -13.4604,
-69.5487

■ 241.4720, -2.6977,
-21.4619

■ 61.3050, -16.4194,
-53.7645

■ 252.6080, 1.1793,
-4.9182

■ 43.7800, -20.1045,
-38.3951

■ 29.9370, -14.7589,
-26.2547

■ 15.8490, -7.8136,

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 166.3710,
-19.9029, -56.4534

■ 166.3710,
-19.9029, -56.4534

■ 158.2680,
-23.7961, -67.7640

■ 174.4740,
-16.0097, -45.1427

■ 150.4640,
-27.8368, -78.4599

■ 182.2780,
-11.9691, -34.4468

■ 142.3610,
-31.7300, -89.7706

■ 190.3810, -8.0758,
-23.1361

■ 134.2580,
-35.6232, -101.0813

■ 198.4840, -4.1826,
-11.8255

■ 126.8670,
-39.3744, -111.2624

■ 206.5870, -0.2894,
-0.5148

■ 214.3910, 3.7512,
10.1811

■ 222.4940, 7.6445,
21.4918

■ 226.7100, 13.4540,
24.8103

■ 226.8240, 13.8908,
24.7104

Harmonies

Analogous

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



176.0880, -43.9204, -6.2162



166.3710, -19.9029, -56.4534



144.7360, 16.3992, -126.9335

Triad

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



166.3710, -19.9029, -56.4534



161.1980, 46.2444, -86.1196



177.4340, -17.9620, 68.0254

Complementary

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



166.3710, -19.9029, -56.4534



142.6290, 19.9029, 56.4534

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.



181.0140, 5.9091, 64.8857



166.3710, -19.9029, -56.4534



185.0280, 34.4962, -4.4096

Square

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



166.3710, -19.9029, -56.4534



149.9920, 51.7689, -131.5430



190.8820, 26.1872, 47.4615



182.5110, -41.6639, 63.5729

Rectangle

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



166.3710, -19.9029, -56.4534



148.9540, 32.5607, -130.6327



190.8820, 26.1872, 47.4615



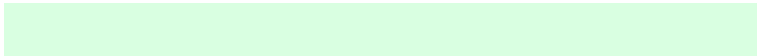
177.6110, -9.6682, 67.8702

Sweetspot

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



166.3710, -19.9029, -56.4534



240.2180, -7.5025, -20.3622



188.1530, -42.4734, -3.6422



119.0710, -4.4720, -12.3403



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.



166.3710, -19.9029, -56.4534



194.6760, -29.4203, -83.9079



172.1850, 2.3738, -61.5522



100.6850, -2.3097, -5.8627



102.9480, -32.0194, -90.2854



25.0930, -7.9338, -22.0066

Inverse Universe

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



142.6290, 19.9029, 56.4534



159.3240, 29.4203, 83.9079



136.8150, -2.3738, 61.5522



98.2010, 1.8729, 5.9627



65.0520, 32.0194, 90.2854



15.7930, 7.4971, 22.1065

Previews

White Background



This preview shows how the YUV color 166.3710, -19.9029, -56.4534 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 166.3710, -19.9029, -56.4534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

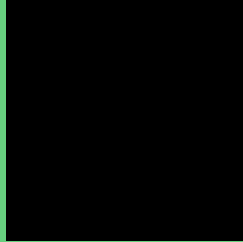
Any Text WCAG AA ✓ Pass

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 166.3710, -19.9029, -56.4534 Background



This preview shows how black text looks on a background with the YUV color 166.3710, -19.9029, -56.4534.



This preview shows how white text looks on a background with the YUV color 166.3710, -19.9029, -56.4534.

-56.4534.

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

166.3710, -19.9029, -56.4534

Protanopia

182.0320, -32.0608, 16.6349

Deuteranopia

184.5420, -25.4102, 30.2197



Tritanopia

176.6980, 17.8969, -47.0931

Trichromacy



Original Color

166.3710, -19.9029, -56.4534

Protanomaly

176.3060, -27.7589, -9.9154

Deuteranomaly

177.8000, -23.5654, -1.5786

Tritanomaly

173.0060, 3.9410, -50.8713

Monochromacy



Original Color

166.3710, -19.9029, -56.4534

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.2180, -7.5025, -20.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3710, -19.9029, -56.4534 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, 207, 126)` looks like.

```
.text, #text, p{  
    color:rgb(102, 207, 126)  
}
```

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, 207, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 207, 126) }
```

Border

The CSS property to change the border of an element to YUV 166.3710, -19.9029, -56.4534 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, 207, 126) }
```


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

```
.border{ border-color:rgb(102, 207, 126) }
```

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

Here you see how a box with a 4 pixel rgb(102, 207, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 207, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 207, 126);  
box-shadow:4px 4px 4px 4px rgb(102, 207,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 166.3710, -19.9029, -56.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 207, 126) }
```

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

```
.background{ background-color: rgb(102,  
207, 126) }
```

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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