

Converting Colors

YUV(166.6510, 29.2591,
-51.4369)

Have a look what the booklet for
YUV(166.6510, 29.2591, -51.4369)
contains.

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Color

**YUV(166.6510, 29.2591,
-51.4369)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 6CB9E2 |
| RGB | 108, 185, 226 |
| RGB Percent | 42%, 73%, 89% |
| CMY | 0.5765, 0.2745, 0.1137 |
| CMYK | 0.52, 0.18, 0.00, 0.11 |
| HSL | 201°, 67%, 65% |
| HSV | 201°, 52%, 89% |
| XYZ | 37.2608, 43.3771, 78.3603 |
| YIQ | 166.6510, -59.0530, -3.5730 |

Conversions

Conversions Part 2

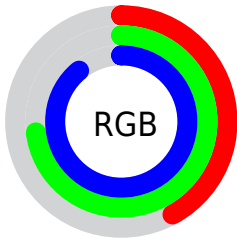
| Format | Color |
|-------------------------------------|---|
| RYB | 108, 155, 226 |
| Decimal | 7125474 |
| CIELab | 71.81, -12.55, -27.83 |
| CIELCh | 72, 30.533, 245.722 |
| Yxy | 43.3771, 0.2343, 0.2728 |
| Android (android.graphics.Color) | 4285315554 (0xFF6CB9E2) |
| YUV | 166.6510, 29.2591, -51.4369 |
| Hunter-Lab | 65.8613, -14.2715, -24.4390 |

Details

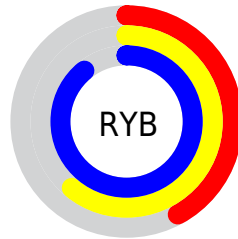
The YUV color **166.6510, 29.2591, -51.4369** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **167.3490, -29.2591, 51.4369**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1710, 17.1707, -47.5080**, and **110.4330, 29.8595, -57.3847** is the 20% darker color. If you saturate the color by 10%, you get **155.0780, 34.9645, -61.4584**, and if you desaturate by 10%, it is **178.2240, 23.5536, -41.4154**.

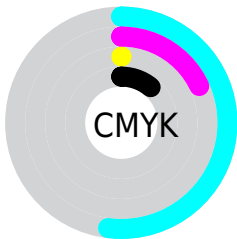
Distribution



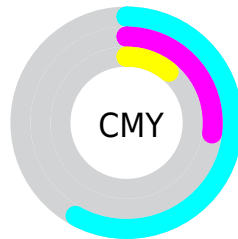
- Red (42%)
- Green (73%)
- Blue (89%)



- Red (42%)
- Yellow (61%)
- Blue (89%)



- Cyan (52%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (58%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6510, 29.2591, -51.4369 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 166.6510, 29.2591, -51.4369 by changing the saturation by 10% instead.

■ 166.6510, 29.2591,
-51.4369

■ 166.6510, 29.2591,
-51.4369

255.0000, 0.0000,
0.0000

■ 138.6400, 29.2645,
-53.1813

■ 220.1710, 17.1707,
-47.5080

■ 110.4330, 29.8595,
-57.3847

■ 237.0600, 8.8444,
-36.8866

■ 79.2250, 31.9341,
-69.4803

■ 246.0300, 4.4222,
-18.4433

■ 62.1730, 27.5227,
-54.5257

■ 45.2350, 23.5481,
-39.6711

■ 30.1720, 19.1422,
-26.4608

■ 14.1630, 16.1886,

-12.4210

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 166.6510, 29.2591,
-51.4369

■ 166.6510, 29.2591,
-51.4369

■ 155.0780, 34.9645,
-61.4584

■ 178.2240, 23.5536,
-41.4154

■ 143.8040, 40.5226,
-70.8651

■ 189.4980, 17.9955,
-32.0087

■ 132.2310, 46.2281,
-80.8866

■ 201.0710, 12.2900,
-21.9873

■ 121.5440, 51.4968,
-90.8081

■ 211.7580, 7.0213,
-12.0658

■ 112.0530, 56.1759,
-98.2705

■ 223.3310, 1.3158,
-2.0443

■ 234.9040, -4.3897,
7.9772

■ 242.8890, -8.3263,
10.6213

■ 247.5850,
-10.6414, 6.5030

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



161.2550, 23.0453, -65.1216



166.6510, 29.2591, -51.4369



174.4850, 27.8619, -23.2273

Triad

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



166.6510, 29.2591, -51.4369



179.6620, -3.7774, 45.0234



170.6680, -20.0493, -9.3558

Complementary

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



166.6510, 29.2591, -51.4369



167.3490, -29.2591, 51.4369

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.



173.8020, -26.5244, 14.2056



166.6510, 29.2591, -51.4369



178.0460, -16.2917, 45.5637

Square

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



166.6510, 29.2591, -51.4369



180.6030, 9.0697, 31.0432



176.0910, -24.6949, 34.1232



166.2440, -7.0223, -34.4170

Rectangle

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



166.6510, 29.2591, -51.4369



177.8790, 23.7237, -2.5249



176.0910, -24.6949, 34.1232



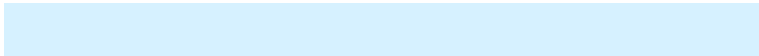
172.2130, -23.2760, -1.0638

Sweetspot

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



166.6510, 29.2591, -51.4369



234.5230, 10.0952, -17.9987



181.7120, -17.1130, -64.6454



115.2420, 6.2897, -10.7362



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.



166.6510, 29.2591, -51.4369



173.9890, 39.9384, -70.1504



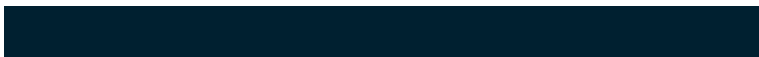
133.1920, 45.7543, -22.0934



106.3630, 2.7790, -4.7034



87.5690, 43.5965, -76.7980



24.2560, 11.7058, -21.2725

Inverse Universe

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



152.0600, 16.2394, 64.8454



154.1090, 22.1313, 88.4814



200.8080, -45.7543, 22.0934



105.0870, 1.4361, 6.0627



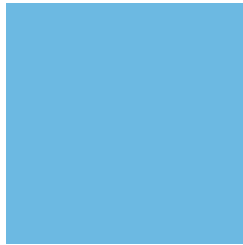
65.7340, 24.2881, 96.7033



18.0000, 6.9020, 26.3100

Previews

White Background



This preview shows how the YUV color 166.6510, 29.2591, -51.4369 looks on a white background.

Color Contrast Check

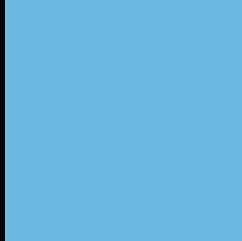
Large Text (above 18pt) WCAG AA × Fail

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 166.6510, 29.2591, -51.4369 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 166.6510, 29.2591, -51.4369 Background



This preview shows how black text looks on a background with the YUV color 166.6510, 29.2591, -51.4369.



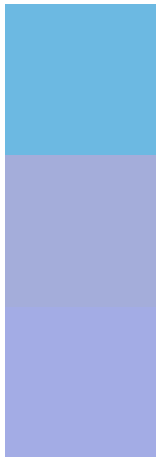
This preview shows how white text looks on a background with the YUV color 166.6510, 29.2591, -51.4369.

-51.4369.

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

166.6510, 29.2591, -51.4369

Protanopia

175.4390, 20.9826, -10.0320

Deuteranopia

175.8070, 26.2241, -11.2317



Tritanopia

164.0990, 19.6712, -56.2148

Trichromacy



Original Color

166.6510, 29.2591, -51.4369

Protanomaly

172.1490, 24.0835, -24.6867

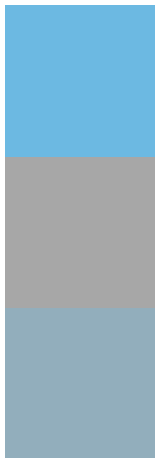
Deuteranomaly

172.6480, 27.2885, -26.0013

Tritanomaly

165.3210, 23.0127, -54.6555

Monochromacy



Original Color

166.6510, 29.2591, -51.4369

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.2240, 10.2426, -18.6134

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6510, 29.2591, -51.4369 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(108, 185, 226)` looks like.

```
.text, #text, p{  
    color:rgb(108, 185, 226)  
}
```

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(108, 185, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 185, 226) }
```

Border

The CSS property to change the border of an element to YUV 166.6510, 29.2591, -51.4369 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(108, 185, 226) }
```


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

```
.border{ border-color:rgb(108, 185, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 185, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 185, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 185, 226); box-shadow:4px 4px 4px 4px rgb(108, 185, 226) }
```

Background

The CSS property to change the background color of an element to YUV 166.6510, 29.2591, -51.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 185, 226) }
```

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

```
.background{ background-color: rgb(108,  
185, 226) }
```

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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