

Converting Colors

YUV(159.3910, 26.9222,
-48.5779)

Have a look what the booklet for
YUV(159.3910, 26.9222, -48.5779)
contains.

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Color

**YUV(159.3910, 26.9222,
-48.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	68B1D6
RGB	104, 177, 214
RGB Percent	41%, 69%, 84%
CMY	0.5922, 0.3059, 0.1608
CMYK	0.51, 0.17, 0.00, 0.16
HSL	200°, 57%, 62%
HSV	200°, 51%, 84%
XYZ	33.5687, 39.2424, 69.4236
YIQ	159.3910, -55.3850, -3.9690

Conversions

Conversions Part 2

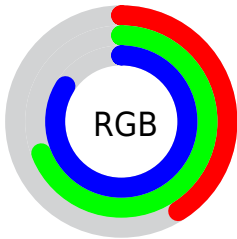
Format	Color
RYB	104, 148, 214
Decimal	6861270
CIELab	68.93, -12.63, -25.71
CIELCh	69, 28.650, 243.834
Yxy	39.2424, 0.2360, 0.2759
Android (android.graphics.Color)	4285051350 (0xFF68B1D6)
YUV	159.3910, 26.9222, -48.5779
Hunter-Lab	62.6437, -13.9744, -21.8563

Details

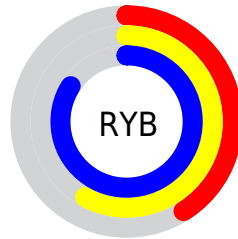
The YUV color **159.3910, 26.9222, -48.5779** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **158.6090, -26.9222, 48.5779**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9800, 20.2229, -46.4635**, and **103.4720, 27.3753, -53.9109** is the 20% darker color. If you saturate the color by 10%, you get **149.0030, 32.0435, -57.8846**, and if you desaturate by 10%, it is **169.7790, 21.8010, -39.2712**.

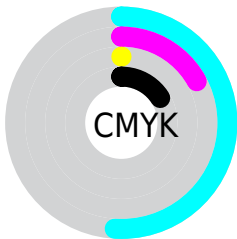
Distribution



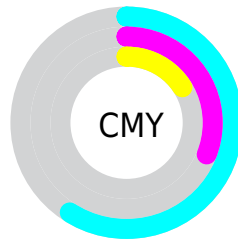
- Red (41%)
- Green (69%)
- Blue (84%)



- Red (41%)
- Yellow (58%)
- Blue (84%)



- Cyan (51%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (59%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.3910, 26.9222, -48.5779 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 159.3910, 26.9222, -48.5779 by changing the saturation by 10% instead.

■ 159.3910, 26.9222,
-48.5779

■ 159.3910, 26.9222,
-48.5779

■ 255.0000, 0.0000,
0.0000

■ 131.6790, 26.7803,
-49.7075

■ 213.9800, 20.2229,
-46.4635

■ 103.4720, 27.3753,
-53.9109

■ 235.5650, 9.5815,
-39.9605

■ 73.2750, 29.4444,
-64.2622

■ 244.2360, 5.3067,
-22.1320

■ 56.9240, 25.1805,
-49.9223

■ 253.2060, 0.8844,
-3.6887

■ 40.5730, 20.9165,
-35.5825

■ 25.6240, 16.9474,
-22.4722

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 159.3910, 26.9222,
-48.5779

■ 159.3910, 26.9222,
-48.5779

■ 149.0030, 32.0435,
-57.8846

■ 169.7790, 21.8010,
-39.2712

■ 138.3160, 37.3122,
-67.8061

■ 180.4660, 16.5323,
-29.3497

■ 127.3410, 42.7229,
-76.5981

■ 191.4410, 11.1216,
-20.5578

■ 116.6540, 47.9916,
-86.5196

■ 202.1280, 5.8529,
-10.6363

■ 107.7500, 52.3813,
-94.4968

■ 212.5160, 0.7316,
-1.3295

■ 222.9040, -4.3897,
7.9772

■ 233.5910, -9.6584,
17.8987

■ 238.5860,
-12.1209, 14.3951

■ 242.6950,
-14.1466, 10.7915

Harmonies

Analogous

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



154.6040, 20.4082, -59.2887



159.3910, 26.9222, -48.5779



166.1430, 26.5515, -22.9274

Triad

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



159.3910, 26.9222, -48.5779



171.8680, -2.8929, 41.3348



163.3200, -18.8918, -7.2966

Complementary

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



159.3910, 26.9222, -48.5779



158.6090, -26.9222, 48.5779

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.



166.5570, -24.9246, 14.4205



159.3910, 26.9222, -48.5779



170.7790, -14.6810, 42.2898

Square

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



159.3910, 26.9222, -48.5779



172.1080, 9.8068, 27.9693



168.8350, -23.0897, 32.5937



159.5650, -7.1805, -30.3135

Rectangle

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



159.3910, 26.9222, -48.5779



169.5260, 22.4187, -3.9693



168.8350, -23.0897, 32.5937



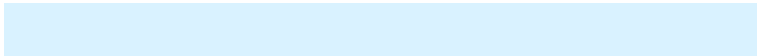
164.5660, -21.9710, 0.3806

Sweetspot

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



159.3910, 26.9222, -48.5779



236.0070, 9.3635, -16.6691



172.7880, -15.6715, -60.3271



116.4270, 5.7055, -10.0215



0.0000, 0.0000, 0.0000



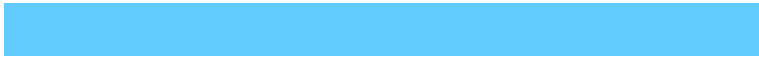
128.0000, 0.0000, 0.0000

Same Dimension

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



159.3910, 26.9222, -48.5779



176.6470, 38.6280, -69.8504



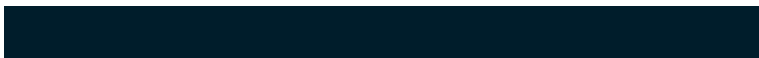
127.1060, 42.8387, -20.2640



101.3630, 2.7790, -4.7034



85.8250, 41.9913, -75.2685



21.9250, 10.3900, -19.2282

Inverse Universe

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



145.2120, 15.6715, 60.3271



156.2120, 22.5735, 86.6371



190.8940, -42.8387, 20.2640



100.0870, 1.4361, 6.0627



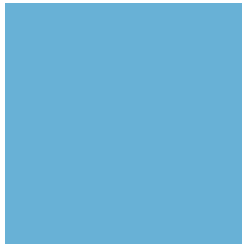
64.0110, 24.1516, 93.8294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 159.3910, 26.9222, -48.5779 looks on a white background.

Color Contrast Check

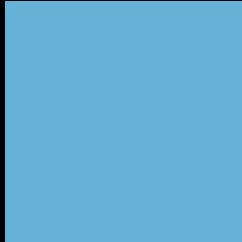
Large Text (above 18pt) WCAG AA × Fail

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 159.3910, 26.9222, -48.5779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

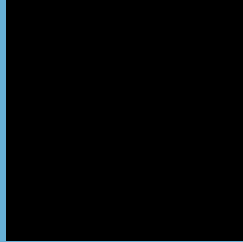
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.3910, 26.9222, -48.5779

Background



This preview shows how black text looks on a background with the YUV color 159.3910, 26.9222, -48.5779.



This preview shows how white text looks on a background with the YUV color 159.3910, 26.9222, -48.5779.

-48.5779.

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

159.3910, 26.9222, -48.5779

Protanopia

168.1680, 18.6512, -8.9173

Deuteranopia

167.9490, 24.1821, -9.6023



Tritanopia

156.8930, 18.7868, -52.5262

Trichromacy



Original Color

159.3910, 26.9222, -48.5779

Protanomaly

164.8780, 21.7521, -23.5720

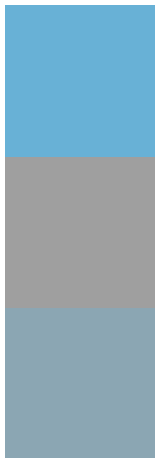
Deuteranomaly

165.0890, 25.0991, -23.7571

Tritanomaly

158.0010, 21.6915, -50.8669

Monochromacy



Original Color

159.3910, 26.9222, -48.5779

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.4090, 9.6584, -17.8987

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3910, 26.9222, -48.5779 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(104, 177, 214)` looks like.

```
.text, #text, p{  
    color:rgb(104, 177, 214)  
}
```

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(104, 177, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 177, 214) }
```

Border

The CSS property to change the border of an element to YUV 159.3910, 26.9222, -48.5779 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(104, 177, 214) }
```


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

```
.border{ border-color:rgb(104, 177, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 177, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 177, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 177, 214);  
box-shadow:4px 4px 4px 4px rgb(104, 177,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 159.3910, 26.9222, -48.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 177, 214) }
```

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

```
.background{ background-color: rgb(104,  
177, 214) }
```

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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