

Converting Colors

YUV(153.8950, 29.1388,
-59.5439)

Have a look what the booklet for
YUV(153.8950, 29.1388, -59.5439)
contains.

YUV(153.8950, 29.1388, -59.5439)	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(153.8950, 29.1388,
-59.5439)**

Conversions

Conversions Part 1

Format	Color
Hex	56B1D5
RGB	86, 177, 213
RGB Percent	34%, 69%, 84%
CMY	0.6627, 0.3059, 0.1647
CMYK	0.60, 0.17, 0.00, 0.16
HSL	197°, 60%, 59%
HSV	197°, 60%, 84%
XYZ	31.5701, 38.2268, 68.6654
YIQ	153.8950, -65.7920, -8.0960

Conversions

Conversions Part 2

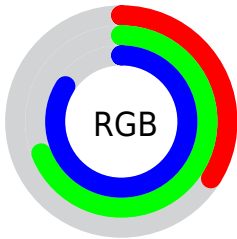
Format	Color
R _Y B	86, 139, 213
Decimal	5681621
CIE Lab	68.19, -16.61, -26.36
CIE LCh	68, 31.154, 237.789
Yxy	38.2268, 0.2280, 0.2761
Android (android.graphics.Color)	4283871701 (0xFF56B1D5)
YUV	153.8950, 29.1388, -59.5439
Hunter-Lab	61.8278, -17.0542, -22.5674

Details

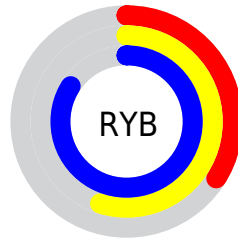
The YUV color **153.8950, 29.1388, -59.5439** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **145.1050, -29.1388, 59.5439**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.4950, 22.4340, -55.6851**, and **90.8000, 33.1296, -79.6316** is the 20% darker color. If you saturate the color by 10%, you get **144.0940, 33.9707, -69.3654**, and if you desaturate by 10%, it is **163.6960, 24.3069, -49.7224**.

Distribution



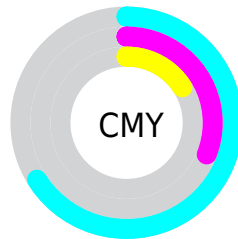
- Red (34%)
- Green (69%)
- Blue (84%)



- Red (34%)
- Yellow (55%)
- Blue (84%)



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.8950, 29.1388, -59.5439 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 153.8950, 29.1388, -59.5439 by changing the saturation by 10% instead.

■ 153.8950, 29.1388,
-59.5439

■ 153.8950, 29.1388,
-59.5439

255.0000, 0.0000,
0.0000

■ 124.9870, 29.5864,
-63.1326

■ 209.4950, 22.4340,
-55.6851

■ 90.8000, 33.1296,
-79.6316

■ 231.0800, 11.7926,
-49.1822

■ 73.1610, 29.0076,
-64.1622

■ 240.0500, 7.3704,
-30.7388

■ 56.2230, 25.0331,
-49.3076

■ 249.0200, 2.9481,
-12.2955

■ 40.4590, 20.4797,
-35.4825

■ 25.5100, 16.5106,
-22.3723

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 153.8950, 29.1388,
-59.5439

■ 153.8950, 29.1388,
-59.5439

■ 144.0940, 33.9707,
-69.3654

■ 163.6960, 24.3069,
-49.7224

■ 133.9940, 38.9500,
-79.8017

■ 173.7960, 19.3276,
-39.2861

■ 124.1930, 43.7819,
-89.6233

■ 183.5970, 14.4957,
-29.4646

■ 114.3920, 48.6137,
-99.4448

■ 193.3980, 9.6638,
-19.6430

■ 114.0930, 48.7612,
-100.0596

■ 203.4980, 4.6845,
-9.2067

■ 213.2990, -0.1474,
0.6148

■ 223.1000, -4.9793,
10.4363

■ 232.6020, -9.6638,
19.6430

■ 236.1240,
-11.4001, 16.5543

Harmonies

Analogous

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



149.5490, 20.4353, -68.0105



153.8950, 29.1388, -59.5439



162.4730, 29.3468, -32.8638

Triad

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



153.8950, 29.1388, -59.5439



169.8620, -0.4250, 43.0940



161.4300, -22.3970, -3.0081

Complementary

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



153.8950, 29.1388, -59.5439



145.1050, -29.1388, 59.5439

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.



165.0200, -27.1249, 20.1535



153.8950, 29.1388, -59.5439



168.7410, -13.6763, 46.7081

Square

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



153.8950, 29.1388, -59.5439



170.3080, 13.1592, 26.0399



166.8680, -23.1059, 37.8268



158.1370, -11.4065, -28.1841

Rectangle

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



153.8950, 29.1388, -59.5439



166.8070, 26.2241, -11.2317



166.8680, -23.1059, 37.8268



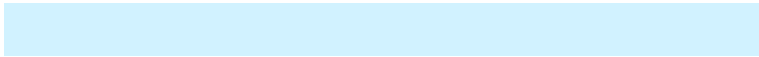
163.0890, -25.1869, 5.1839

Sweetspot

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



153.8950, 29.1388, -59.5439



233.6150, 10.5428, -21.5874



164.6530, -21.0279, -68.9787



114.6330, 6.5899, -13.7101



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.



153.8950, 29.1388, -59.5439



169.4600, 42.1712, -86.3494



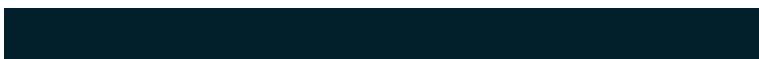
116.9140, 47.3704, -27.1116



101.9500, 2.4897, -5.2181



91.1080, 39.3868, -79.9017



23.0990, 9.8112, -20.2578

Inverse Universe

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



134.3470, 21.0279, 68.9787



141.0640, 30.5344, 99.9219



182.0860, -47.3704, 27.1116



100.2010, 1.8729, 5.9627



65.0370, 28.0828, 92.9296



16.3910, 7.2022, 23.3361

Previews

White Background



This preview shows how the YUV color 153.8950, 29.1388, -59.5439 looks on a white background.

Color Contrast Check

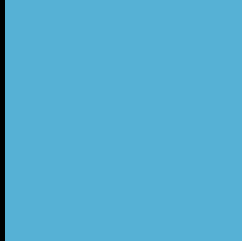
Large Text (above 18pt) WCAG AA × Fail

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 153.8950, 29.1388, -59.5439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

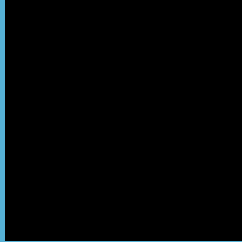
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.8950, 29.1388, -59.5439

Background



This preview shows how black text looks on a background with the YUV color 153.8950, 29.1388, -59.5439.

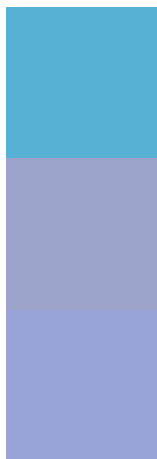


This preview shows how white text looks on a background with the YUV color 153.8950, 29.1388, -59.5439.

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

153.8950, 29.1388, -59.5439

Protanopia

166.0540, 18.2144, -8.8174

Deuteranopia

166.3510, 24.4770, -10.8318



Tritanopia

151.2120, 21.5875, -64.2069

Trichromacy



Original Color

153.8950, 29.1388, -59.5439

Protanomaly

161.9700, 22.1998, -27.1607

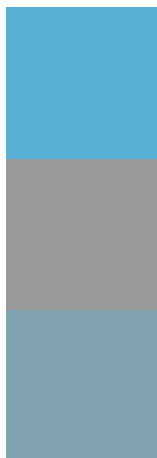
Deuteranomaly

161.6970, 26.2784, -28.6753

Tritanomaly

152.3200, 24.4922, -62.5476

Monochromacy



Original Color

153.8950, 29.1388, -59.5439

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.6150, 10.5428, -21.5874

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8950, 29.1388, -59.5439 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(86, 177, 213)` looks like.

```
.text, #text, p{  
    color:rgb(86, 177, 213)  
}
```

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(86, 177, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 177, 213) }
```

Border

The CSS property to change the border of an element to YUV 153.8950, 29.1388, -59.5439 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(86, 177, 213) }
```


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

```
.border{ border-color:rgb(86, 177, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 177, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 177, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 177, 213);  
box-shadow:4px 4px 4px 4px rgb(86, 177,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 153.8950, 29.1388, -59.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 177, 213) }
```

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

```
.background{ background-color: rgb(86, 177,  
213) }
```

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