

Converting Colors

YUV(153.9650, 29.5973,
-66.6213)

Have a look what the booklet for
YUV(153.9650, 29.5973, -66.6213)
contains.

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Color

**YUV(153.9650, 29.5973,
-66.6213)**

Conversions

Conversions Part 1

Format	Color
Hex	4EB5D6
RGB	78, 181, 214
RGB Percent	31%, 71%, 84%
CMY	0.6941, 0.2902, 0.1608
CMYK	0.64, 0.15, 0.00, 0.16
HSL	195°, 62%, 57%
HSV	195°, 64%, 84%
XYZ	31.8034, 39.5225, 69.5707
YIQ	153.9650, -71.9810, -11.5730

Conversions

Conversions Part 2

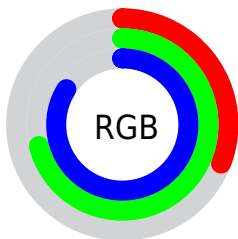
Format	Color
RYB	78, 137, 214
Decimal	5158358
CIELab	69.13, -19.81, -25.49
CIELCh	69, 32.281, 232.145
Yxy	39.5225, 0.2257, 0.2805
Android (android.graphics.Color)	4283348438 (0xFF4EB5D6)
YUV	153.9650, 29.5973, -66.6213
Hunter-Lab	62.8669, -19.7168, -21.6055

Details

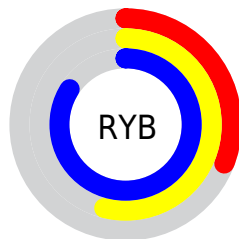
The YUV color **153.9650, 29.5973, -66.6213** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **138.0350, -29.5973, 66.6213**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.0490, 22.1608, -61.4330**, and **93.2620, 32.4088, -81.7908** is the 20% darker color. If you saturate the color by 10%, you get **144.7510, 34.1398, -76.9576**, and if you desaturate by 10%, it is **163.1790, 25.0548, -56.2850**.

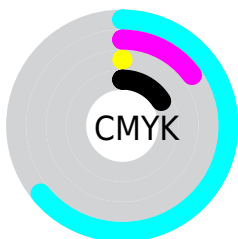
Distribution



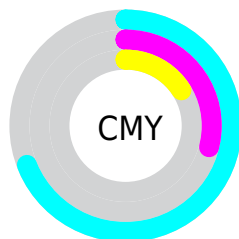
- Red (31%)
- Green (71%)
- Blue (84%)



- Red (31%)
- Yellow (54%)
- Blue (84%)



- Cyan (64%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (69%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9650, 29.5973, -66.6213 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 153.9650, 29.5973, -66.6213 by changing the saturation by 10% instead.

■ 153.9650, 29.5973,
-66.6213

■ 153.9650, 29.5973,
-66.6213

■ 255.0000, 0.0000,
0.0000

■ 123.8610, 30.6345,
-72.6691

■ 210.0490, 22.1608,
-61.4330

■ 93.2620, 32.4088,
-81.7908

■ 229.5850, 12.5296,
-52.2560

■ 75.6230, 28.2869,
-66.3214

■ 238.2560, 8.2548,
-34.4275

■ 58.6850, 24.3123,
-51.4667

■ 247.2260, 3.8326,
-15.9842

■ 42.3340, 20.0483,
-37.1269

■ 26.7980, 16.3686,
-23.5018

■ 6.0930, 15.7302,

-5.3436

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 153.9650, 29.5973,
-66.6213

■ 153.9650, 29.5973,
-66.6213

■ 144.7510, 34.1398,
-76.9576

■ 163.1790, 25.0548,
-56.2850

■ 135.2380, 38.8297,
-87.9087

■ 172.6920, 20.3648,
-45.3339

■ 125.4370, 43.6616,
-97.7302

■ 182.4930, 15.5330,
-35.5124

■ 119.4900, 46.5934,
-104.7927

■ 192.0060, 10.8430,
-24.5613

■ 201.2200, 6.3005,
-14.2249

■ 210.4340, 1.7580,
-3.8886

■ 219.9470, -2.9319,
7.0625

■ 229.7480, -7.7638,
16.8840

■ 234.4770,
-10.0952, 17.9987

Harmonies

Analogous

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



150.8970, 19.2778, -70.0697



153.9650, 29.5973, -66.6213



162.8850, 31.1157, -40.2411

Triad

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



153.9650, 29.5973, -66.6213



172.6600, 2.6326, 42.3942



165.0670, -25.1760, 1.6952

Complementary

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



153.9650, 29.5973, -66.6213



138.0350, -29.5973, 66.6213

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.



167.5260, -27.8673, 24.9717



153.9650, 29.5973, -66.6213



171.6210, -11.6452, 48.5674

Square

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



153.9650, 29.5973, -66.6213



172.9700, 15.7908, 21.9513



169.4170, -22.3906, 41.7303



161.0620, -14.3276, -24.6104

Rectangle

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



153.9650, 29.5973, -66.6213



167.7460, 28.7192, -18.1942



169.4170, -22.3906, 41.7303



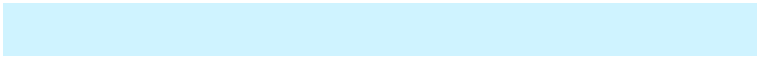
165.9540, -27.0923, 9.6873

Sweetspot

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



153.9650, 29.5973, -66.6213



233.6040, 10.5482, -23.3317



161.4800, -25.3796, -73.2120



114.3340, 6.7373, -14.3249



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.



153.9650, 29.5973, -66.6213



169.4050, 42.1983, -95.0712



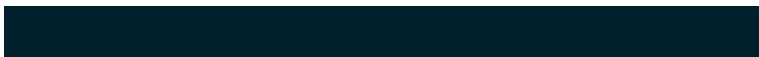
114.6360, 48.9865, -32.1298



102.5370, 2.2003, -5.7329



95.2170, 37.3610, -83.5053



24.2730, 9.2324, -21.2874

Inverse Universe

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



130.4060, 24.9428, 73.3119



135.7640, 35.6123, 104.5700



177.3640, -48.9865, 32.1298



100.3150, 2.3097, 5.8627



65.8350, 31.1403, 92.2297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 153.9650, 29.5973, -66.6213 looks on a white background.

Color Contrast Check

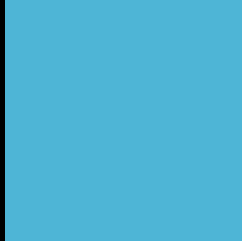
Large Text (above 18pt) WCAG AA × Fail

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 153.9650, 29.5973, -66.6213 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 153.9650, 29.5973, -66.6213

Background



This preview shows how black text looks on a background with the YUV color 153.9650, 29.5973, -66.6213.



This preview shows how white text looks on a background with the YUV color 153.9650, 29.5973, -66.6213.

-66.6213.

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

153.9650, 29.5973, -66.6213

Protanopia

168.1250, 17.1934, -8.0026

Deuteranopia

168.6500, 24.3295, -10.2171



Tritanopia

151.6240, 23.3564, -71.5842

Trichromacy



Original Color

153.9650, 29.5973, -66.6213

Protanomaly

162.8450, 21.7684, -28.8051

Deuteranomaly

163.3870, 26.4312, -31.0344

Tritanomaly

152.5040, 25.3875, -69.7250

Monochromacy



Original Color

153.9650, 29.5973, -66.6213

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0060, 10.8430, -24.5613

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9650, 29.5973, -66.6213 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(78, 181, 214)` looks like.

```
.text, #text, p{  
    color:rgb(78, 181, 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(78, 181, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 181, 214) }
```

Border

The CSS property to change the border of an element to YUV 153.9650, 29.5973, -66.6213 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(78, 181, 214) }
```


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

```
.border{ border-color:rgb(78, 181, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 181, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 181, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 181, 214);  
box-shadow:4px 4px 4px 4px rgb(78, 181,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 153.9650, 29.5973, -66.6213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 181, 214) }
```

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

```
.background{ background-color: rgb(78, 181,  
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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