

Converting Colors

YUV(153.7650, 29.6959,
-51.5369)

Have a look what the booklet for
YUV(153.7650, 29.6959, -51.5369)
contains.

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Color

**YUV(153.7650, 29.6959,
-51.5369)**

Conversions

Conversions Part 1

Format	Color
Hex	5FACD6
RGB	95, 172, 214
RGB Percent	37%, 67%, 84%
CMY	0.6275, 0.3255, 0.1608
CMYK	0.56, 0.20, 0.00, 0.16
HSL	201°, 59%, 61%
HSV	201°, 56%, 84%
XYZ	31.6094, 36.7930, 69.0541
YIQ	153.7650, -59.3740, -3.2620

Conversions

Conversions Part 2

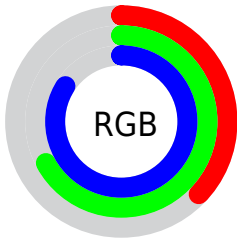
Format	Color
RYB	95, 142, 214
Decimal	6270166
CIELab	67.12, -11.87, -28.52
CIElCh	67, 30.891, 247.407
Yxy	36.7930, 0.2300, 0.2677
Android (android.graphics.Color)	4284460246 (0xFF5FACD6)
YUV	153.7650, 29.6959, -51.5369
Hunter-Lab	60.6572, -13.1310, -25.0376

Details

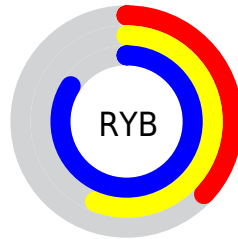
The YUV color **153.7650, 29.6959, -51.5369** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **155.2350, -29.6959, 51.5369**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0660, 23.1385, -48.2929**, and **96.3400, 30.8914, -61.6882** is the 20% darker color. If you saturate the color by 10%, you get **142.7900, 35.1065, -60.3288**, and if you desaturate by 10%, it is **164.7400, 24.2852, -42.7450**.

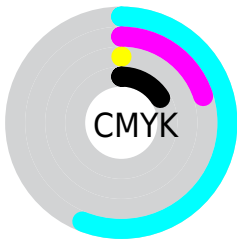
Distribution



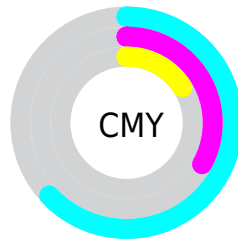
- Red (37%)
- Green (67%)
- Blue (84%)



- Red (37%)
- Yellow (56%)
- Blue (84%)



- Cyan (56%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (63%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7650, 29.6959, -51.5369 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 153.7650, 29.6959, -51.5369 by changing the saturation by 10% instead.

■ 153.7650, 29.6959,
-51.5369

■ 153.7650, 29.6959,
-51.5369

255.0000, 0.0000,
0.0000

■ 125.4550, 29.8487,
-53.8960

■ 208.0660, 23.1385,
-48.2929

■ 96.3400, 30.8914,
-61.6882

■ 233.1730, 10.7607,
-44.8787

■ 70.9270, 30.6020,
-62.2030

■ 242.1430, 6.3385,
-26.4354

■ 53.8750, 26.1906,
-47.2484

■ 250.8140, 2.0637,
-8.6069

■ 38.2250, 22.0741,
-33.5233

■ 23.8630, 17.8155,
-20.9279

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 153.7650, 29.6959,
-51.5369

■ 153.7650, 29.6959,
-51.5369

■ 142.7900, 35.1065,
-60.3288

■ 164.7400, 24.2852,
-42.7450

■ 132.1030, 40.3752,
-70.2503

■ 175.4270, 19.0165,
-32.8235

■ 121.1280, 45.7859,
-79.0423

■ 186.4020, 13.6058,
-24.0316

■ 110.4410, 51.0546,
-88.9638

■ 197.0890, 8.3371,
-14.1101

■ 105.4020, 53.5388,
-92.4376

■ 208.0640, 2.9264,
-5.3181

■ 218.4520, -2.1948,
3.9886

■ 229.7260, -7.7529,
13.3953

■ 236.8250,
-11.2527, 15.9395

■ 241.5210,
-13.5679, 11.8211

Harmonies

Analogous

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



147.1730, 24.0717, -67.6807



153.7650, 29.6959, -51.5369



162.0830, 27.5671, -21.9978

Triad

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



153.7650, 29.6959, -51.5369



166.4340, -4.6510, 45.2234



157.7710, -19.6071, -11.2002

Complementary

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



153.7650, 29.6959, -51.5369



155.2350, -29.6959, 51.5369

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.



161.2040, -26.2296, 12.9761



153.7650, 29.6959, -51.5369



165.2200, -16.8705, 44.5341

Square

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



153.7650, 29.6959, -51.5369



167.2010, 8.7749, 32.2727



163.3790, -24.8368, 32.9936



153.7600, -6.2907, -35.7465

Rectangle

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



153.7650, 29.6959, -51.5369



165.4770, 23.4288, -1.2953



163.3790, -24.8368, 32.9936



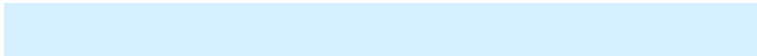
158.7290, -22.5444, -2.3933

Sweetspot

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



153.7650, 29.6959, -51.5369



233.3380, 10.6794, -18.7134



169.6410, -16.0920, -65.4602



114.9430, 6.4371, -11.3510



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.



153.7650, 29.6959, -51.5369



168.6510, 42.5701, -74.2389



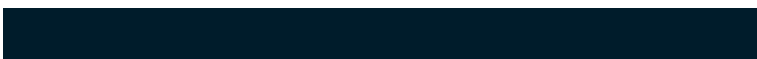
119.1320, 46.7699, -21.1638



101.3630, 2.7790, -4.7034



84.6510, 42.5701, -74.2389



21.3380, 10.6794, -18.7134

Inverse Universe

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



139.3590, 16.0920, 65.4602



147.7830, 23.2780, 94.0293



189.8680, -46.7699, 21.1638



100.0870, 1.4361, 6.0627



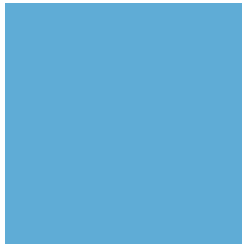
63.7830, 23.2780, 94.0293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 153.7650, 29.6959, -51.5369 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 153.7650, 29.6959, -51.5369 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 153.7650, 29.6959, -51.5369

Background



This preview shows how black text looks on a background with the YUV color 153.7650, 29.6959, -51.5369.



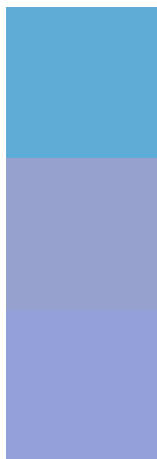
This preview shows how white text looks on a background with the YUV color 153.7650, 29.6959, -51.5369.

-51.5369.

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

153.7650, 29.6959, -51.5369

Protanopia

163.1400, 21.1300, -10.6468

Deuteranopia

162.9100, 26.6664, -13.0761



Tritanopia

150.6860, 19.3818, -56.7296

Trichromacy



Original Color

153.7650, 29.6959, -51.5369

Protanomaly

159.8500, 24.2310, -25.3014

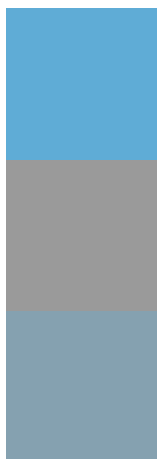
Deuteranomaly

159.4630, 27.8727, -26.7161

Tritanomaly

152.0220, 23.1602, -55.2703

Monochromacy



Original Color

153.7650, 29.6959, -51.5369

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.3380, 10.6794, -18.7134

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7650, 29.6959, -51.5369 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(95, 172, 214)` looks like.

```
.text, #text, p{  
    color:rgb(95, 172, 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(95, 172, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 172, 214) }
```

Border

The CSS property to change the border of an element to YUV 153.7650, 29.6959, -51.5369 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(95, 172, 214) }
```


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

```
.border{ border-color:rgb(95, 172, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 172, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 172, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 172, 214);  
box-shadow:4px 4px 4px 4px rgb(95, 172,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 153.7650, 29.6959, -51.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 172, 214) }
```

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

```
.background{ background-color: rgb(95, 172,  
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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