

Converting Colors

YUV(156.7340, 23.3021,
-54.1407)

Have a look what the booklet for
YUV(156.7340, 23.3021, -54.1407)
contains.

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Color

**YUV(156.7340, 23.3021,
-54.1407)**

Conversions

Conversions Part 1

Format	Color
Hex	5FB3CC
RGB	95, 179, 204
RGB Percent	37%, 70%, 80%
CMY	0.6275, 0.2980, 0.2000
CMYK	0.53, 0.12, 0.00, 0.20
HSL	194°, 52%, 59%
HSV	194°, 53%, 80%
XYZ	31.7385, 39.0327, 62.9880
YIQ	156.7340, -58.0890, -10.0330

Conversions

Conversions Part 2

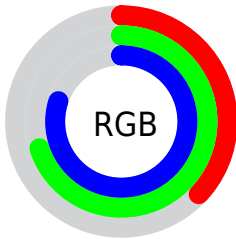
Format	Color
RYB	95, 142, 204
Decimal	6271948
CIELab	68.77, -18.52, -20.48
CIELCh	69, 27.617, 227.875
Yxy	39.0327, 0.2373, 0.2918
Android (android.graphics.Color)	4284462028 (0xFF5FB3CC)
YUV	156.7340, 23.3021, -54.1407
Hunter-Lab	62.4762, -18.6536, -16.0424

Details

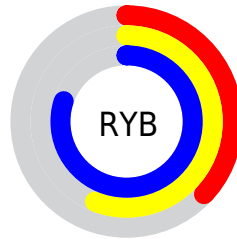
The YUV color **156.7340, 23.3021, -54.1407** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **142.2660, -23.3021, 54.1407**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7620, 20.8233, -52.4113**, and **99.7330, 24.7816, -62.0328** is the 20% darker color. If you saturate the color by 10%, you get **147.8190, 27.6972, -63.8623**, and if you desaturate by 10%, it is **165.6490, 18.9070, -44.4192**.

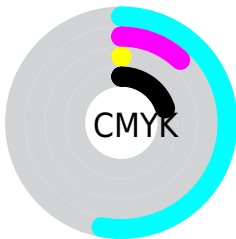
Distribution



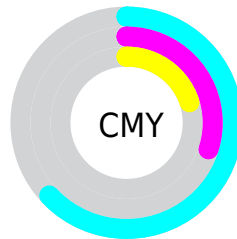
- Red (37%)
- Green (70%)
- Blue (80%)



- Red (37%)
- Yellow (56%)
- Blue (80%)



- Cyan (53%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (63%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.7340, 23.3021, -54.1407 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 156.7340, 23.3021, -54.1407 by changing the saturation by 10% instead.

■ 156.7340, 23.3021,
-54.1407

■ 156.7340, 23.3021,
-54.1407

■ 255.0000, 0.0000,
0.0000

■ 128.8370, 23.7444,
-55.9850

■ 212.7620, 20.8233,
-52.4113

■ 99.7330, 24.7816,
-62.0328

■ 233.1730, 10.7607,
-44.8787

■ 73.4230, 24.9345,
-64.3920

■ 241.8440, 6.4859,
-27.0502

■ 56.4850, 20.9599,
-49.5373

■ 250.5150, 2.2111,
-9.2217

■ 40.2480, 17.1327,
-35.2975

■ 25.2990, 13.1636,
-22.1872

■ 4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 156.7340, 23.3021,
-54.1407

■ 156.7340, 23.3021,
-54.1407

■ 147.8190, 27.6972,
-63.8623

■ 165.6490, 18.9070,
-44.4192

■ 139.1920, 31.9503,
-74.7134

■ 174.2760, 14.6539,
-33.5681

■ 130.2770, 36.3454,
-84.4349

■ 183.1910, 10.2588,
-23.8465

■ 121.0630, 40.8879,
-94.7713

■ 192.4050, 5.7163,
-13.5102

■ 115.4150, 43.6724,
-101.2190

■ 200.7330, 1.6106,
-3.2738

■ 209.6480, -2.7845,
6.4477

■ 218.8620, -7.3270,
16.7840

■ 226.2930,
-10.9904, 25.1760

■ 229.2280,
-12.4374, 22.6020

Harmonies

Analogous

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



155.3890, 13.1192, -54.7152



156.7340, 23.3021, -54.1407



162.6530, 26.3001, -35.6527

Triad

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



156.7340, 23.3021, -54.1407



171.5450, 3.6753, 34.6020



164.8870, -22.1293, 4.4841

Complementary

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



156.7340, 23.3021, -54.1407



142.2660, -23.3021, 54.1407

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.



167.5520, -23.9361, 24.0719



156.7340, 23.3021, -54.1407



170.7880, -8.2765, 41.4049

Square

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



156.7340, 23.3021, -54.1407



171.2960, 14.6441, 16.4034



169.4210, -18.4486, 37.3418



161.6330, -13.6231, -17.2181

Rectangle

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



156.7340, 23.3021, -54.1407



167.0080, 24.6461, -18.4240



169.4210, -18.4486, 37.3418



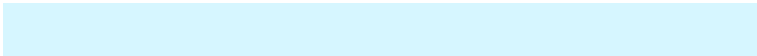
165.5890, -23.4614, 11.7614

Sweetspot

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



156.7340, 23.3021, -54.1407



237.4580, 8.6482, -20.5727



161.7190, -21.0605, -58.5126



117.0030, 5.4215, -12.2806



0.0000, 0.0000, 0.0000



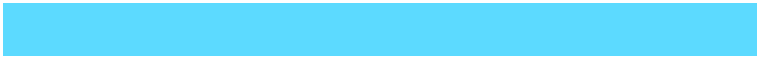
128.0000, 0.0000, 0.0000

Same Dimension

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



156.7340, 23.3021, -54.1407



184.5440, 34.7348, -81.1611



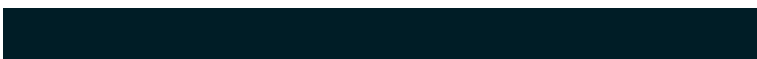
125.6230, 38.6399, -26.8564



97.8360, 2.0529, -5.1182



94.0600, 35.4664, -82.4906



21.3550, 8.2060, -18.7283

Inverse Universe

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



137.1670, 20.6237, 58.6125



155.1010, 31.0092, 87.6114



173.3770, -38.6399, 26.8564



95.9020, 2.0203, 5.3479



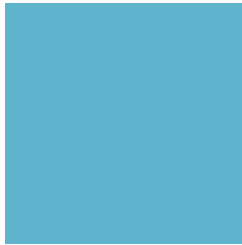
64.2260, 31.4406, 89.2558



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 156.7340, 23.3021, -54.1407 looks on a white background.

Color Contrast Check

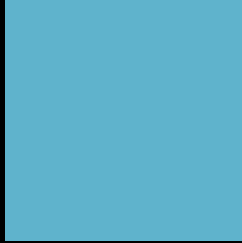
Large Text (above 18pt) WCAG AA × Fail

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 156.7340, 23.3021, -54.1407 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 156.7340, 23.3021, -54.1407

Background



This preview shows how black text looks on a background with the YUV color 156.7340, 23.3021, -54.1407.



This preview shows how white text looks on a background with the YUV color 156.7340, 23.3021, -54.1407.

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

156.7340, 23.3021, -54.1407

Protanopia

167.2240, 13.6936, -5.4584

Deuteranopia

168.3040, 19.0771, -5.5286



Tritanopia

155.3980, 19.5238, -55.6000

Trichromacy



Original Color

156.7340, 23.3021, -54.1407

Protanomaly

163.3250, 17.0948, -23.0870

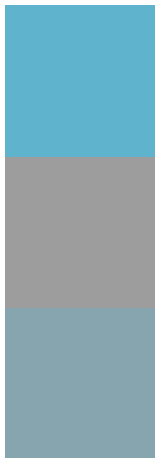
Deuteranomaly

163.9490, 20.7311, -22.7573

Tritanomaly

156.0390, 20.6868, -55.2852

Monochromacy



Original Color

156.7340, 23.3021, -54.1407

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.7570, 8.5008, -19.9579

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.7340, 23.3021, -54.1407 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, 179, 204)` looks like.

```
.text, #text, p{  
    color:rgb(95, 179, 204)  
}
```

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, 179, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 179, 204) }
```

Border

The CSS property to change the border of an element to YUV 156.7340, 23.3021, -54.1407 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, 179, 204) }
```


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

```
.border{ border-color:rgb(95, 179, 204) }
```

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

Here you see how a box with a 4 pixel rgb(95, 179, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 179, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 179, 204);  
box-shadow:4px 4px 4px 4px rgb(95, 179,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 156.7340, 23.3021, -54.1407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 179, 204) }
```

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

```
.background{ background-color: rgb(95, 179,  
204) }
```

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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