

Converting Colors

YUV(154.8560, 31.6230,
-63.0177)

Have a look what the booklet for
YUV(154.8560, 31.6230, -63.0177)
contains.

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Color

**YUV(154.8560, 31.6230,
-63.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	53B3DB
RGB	83, 179, 219
RGB Percent	33%, 70%, 86%
CMY	0.6745, 0.2980, 0.1412
CMYK	0.62, 0.18, 0.00, 0.14
HSL	198°, 65%, 59%
HSV	198°, 62%, 86%
XYZ	32.4736, 39.1937, 72.8714
YIQ	154.8560, -70.0560, -7.9120

Conversions

Conversions Part 2

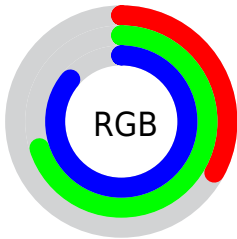
Format	Color
R_{YB}	83, 139, 219
Decimal	5485531
CIE _{Lab}	68.89, -16.37, -28.58
CIE _{LCh}	69, 32.934, 240.198
Yxy	39.1937, 0.2247, 0.2712
Android (android.graphics.Color)	4283675611 (0xFF53B3DB)
YUV	154.8560, 31.6230, -63.0177
Hunter-Lab	62.6048, -16.9693, -25.1896

Details

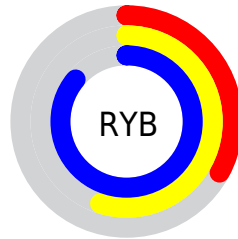
The YUV color **154.8560, 31.6230, -63.0177** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **147.1440, -31.6230, 63.0177**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.0710, 22.1500, -57.9443**, and **92.6580, 35.1716, -81.2611** is the 20% darker color. If you saturate the color by 10%, you get **144.7560, 36.6023, -73.4540**, and if you desaturate by 10%, it is **164.9560, 26.6437, -52.5814**.

Distribution



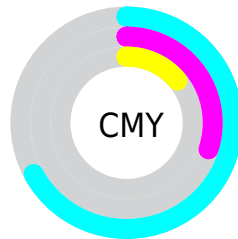
- Red (33%)
- Green (70%)
- Blue (86%)



- Red (33%)
- Yellow (55%)
- Blue (86%)



- Cyan (62%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (67%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8560, 31.6230, -63.0177 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 154.8560, 31.6230, -63.0177 by changing the saturation by 10% instead.

■ 154.8560, 31.6230,
-63.0177

■ 154.8560, 31.6230,
-63.0177

■ 255.0000, 0.0000,
0.0000

■ 125.3500, 32.3655,
-67.8359

■ 210.0710, 22.1500,
-57.9443

■ 92.6580, 35.1716,
-81.2611

■ 230.7810, 11.9400,
-49.7969

■ 74.9050, 30.6128,
-65.6917

■ 239.7510, 7.5178,
-31.3536

■ 57.9670, 26.6383,
-50.8371

■ 248.7210, 3.0955,
-12.9103

■ 41.6160, 22.3743,
-36.4972

■ 26.6670, 18.4052,
-23.3870

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 154.8560, 31.6230,
-63.0177

■ 154.8560, 31.6230,
-63.0177

■ 144.7560, 36.6023,
-73.4540

■ 164.9560, 26.6437,
-52.5814

■ 134.0690, 41.8710,
-83.3755

■ 175.6430, 21.3750,
-42.6599

■ 123.9690, 46.8503,
-93.8118

■ 185.7430, 16.3957,
-32.2236

■ 115.9510, 50.8032,
-101.6890

■ 196.4300, 11.1270,
-22.3021

■ 206.5300, 6.1477,
-11.8658

■ 216.9180, 1.0264,
-2.5591

■ 227.0180, -3.9529,
7.8772

■ 236.8080, -8.7793,
15.9544

■ 240.3300,
-10.5157, 12.8656

Harmonies

Analogous

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



149.6020, 23.3672, -75.0730



154.8560, 31.6230, -63.0177



164.5270, 30.7992, -32.0342

Triad

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



154.8560, 31.6230, -63.0177



171.9440, -1.4514, 45.6531



162.8920, -23.1178, -5.1673

Complementary

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



154.8560, 31.6230, -63.0177



147.1440, -31.6230, 63.0177

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.



165.9660, -28.5772, 19.3238



154.8560, 31.6230, -63.0177



170.4100, -14.9921, 48.7524

Square

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



154.8560, 31.6230, -63.0177



172.8030, 12.4221, 29.1138



168.5970, -25.4373, 38.9414



158.4570, -10.0853, -31.9728

Rectangle

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



154.8560, 31.6230, -63.0177



169.0460, 27.0923, -9.6873



168.5970, -25.4373, 38.9414



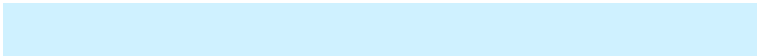
164.4370, -26.3444, 3.1248

Sweetspot

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



154.8560, 31.6230, -63.0177



232.4300, 11.1270, -22.3021



167.2780, -22.3221, -73.9118



113.7470, 7.0267, -13.8101



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.



154.8560, 31.6230, -63.0177



165.0190, 44.3606, -88.5937



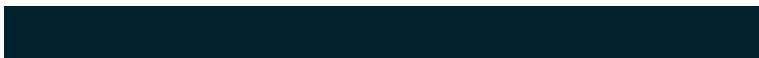
115.5270, 51.0122, -28.5262



104.3630, 2.7790, -4.7034



91.3360, 40.2604, -80.1017



24.0280, 10.8322, -21.0726

Inverse Universe

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



134.6080, 21.8853, 74.0118



136.4990, 30.8130, 103.9254



186.4730, -51.0122, 28.5262



103.0870, 1.4361, 6.0627



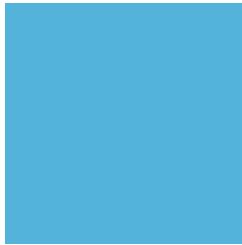
65.6350, 27.7879, 94.1591



17.4020, 7.1968, 25.0804

Previews

White Background



This preview shows how the YUV color 154.8560, 31.6230, -63.0177 looks on a white background.

Color Contrast Check

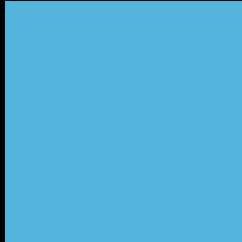
Large Text (above 18pt) WCAG AA × Fail

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 154.8560, 31.6230, -63.0177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

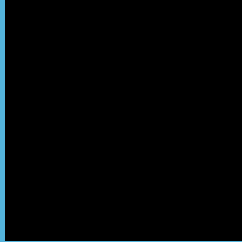
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.8560, 31.6230, -63.0177

Background



This preview shows how black text looks on a background with the YUV color 154.8560, 31.6230, -63.0177.

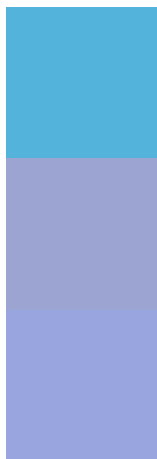


This preview shows how white text looks on a background with the YUV color 154.8560, 31.6230, -63.0177.

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

154.8560, 31.6230, -63.0177

Protanopia

167.3250, 20.5458, -9.9320

Deuteranopia

167.9100, 26.6664, -13.0761



Tritanopia

151.8200, 22.7667, -69.1251

Trichromacy



Original Color

154.8560, 31.6230, -63.0177

Protanomaly

162.6430, 24.8260, -29.5049

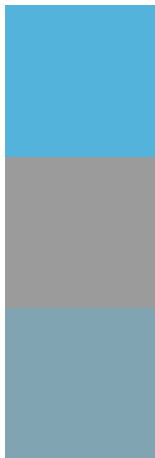
Deuteranomaly

163.2560, 28.4678, -30.9195

Tritanomaly

153.3410, 25.9609, -66.9511

Monochromacy



Original Color

154.8560, 31.6230, -63.0177

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.1310, 11.2744, -22.9169

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8560, 31.6230, -63.0177 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(83, 179, 219)` looks like.

```
.text, #text, p{  
    color:rgb(83, 179, 219)  
}
```

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(83, 179, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 179, 219) }
```

Border

The CSS property to change the border of an element to YUV 154.8560, 31.6230, -63.0177 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(83, 179, 219) }
```


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

```
.border{ border-color:rgb(83, 179, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 179, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 179, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 179, 219);  
box-shadow:4px 4px 4px 4px rgb(83, 179,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 154.8560, 31.6230, -63.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 179, 219) }
```

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

```
.background{ background-color: rgb(83, 179,  
219) }
```

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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