

Converting Colors

YUV(151.3560, 33.3485,
-56.4402)

Have a look what the booklet for
YUV(151.3560, 33.3485, -56.4402)
contains.

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Color

**YUV(151.3560, 33.3485,
-56.4402)**

Conversions

Conversions Part 1

Format	Color
Hex	57ABDB
RGB	87, 171, 219
RGB Percent	34%, 67%, 86%
CMY	0.6588, 0.3294, 0.1412
CMYK	0.60, 0.22, 0.00, 0.14
HSL	202°, 65%, 60%
HSV	202°, 60%, 86%
XYZ	31.2796, 36.2665, 72.3694
YIQ	151.3560, -65.4720, -2.8800

Conversions

Conversions Part 2

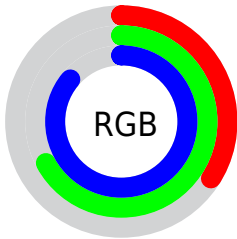
Format	Color
R _Y B	87, 138, 219
Decimal	5745627
CIE Lab	66.72, -11.36, -31.91
CIE LCh	67, 33.875, 250.407
Yxy	36.2665, 0.2236, 0.2592
Android (android.graphics.Color)	4283935707 (0xFF57ABDB)
YUV	151.3560, 33.3485, -56.4402
Hunter-Lab	60.2217, -12.6738, -29.0945

Details

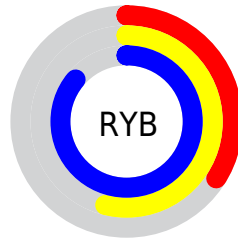
The YUV color **151.3560, 33.3485, -56.4402** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **154.6440, -33.3485, 56.4402**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6850, 24.3123, -51.4667**, and **88.5490, 37.1973, -77.6575** is the 20% darker color. If you saturate the color by 10%, you get **140.0820, 38.9066, -65.8469**, and if you desaturate by 10%, it is **162.6300, 27.7904, -47.0335**.

Distribution



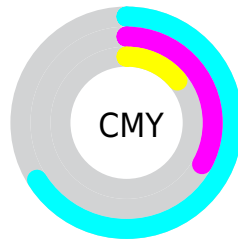
- Red (34%)
- Green (67%)
- Blue (86%)



- Red (34%)
- Yellow (54%)
- Blue (86%)



- Cyan (60%)
- Magenta (22%)
- Yellow (0%)
- Black (14%)



- Cyan (66%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.3560, 33.3485, -56.4402 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 151.3560, 33.3485, -56.4402 by changing the saturation by 10% instead.

■ 151.3560, 33.3485,
-56.4402

■ 151.3560, 33.3485,
-56.4402

255.0000, 0.0000,
0.0000

■ 123.0350, 33.5067,
-60.5437

■ 205.6850, 24.3123,
-51.4667

■ 88.5490, 37.1973,
-77.6575

■ 231.3790, 11.6452,
-48.5674

■ 70.7960, 32.6386,
-62.0881

■ 240.3490, 7.2229,
-30.1241

■ 54.4450, 28.3746,
-47.7483

■ 249.3190, 2.8007,
-11.6808

■ 38.0940, 24.1107,
-33.4084

■ 23.6180, 19.4153,
-20.7130

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 151.3560, 33.3485,
-56.4402

■ 151.3560, 33.3485,
-56.4402

■ 140.0820, 38.9066,
-65.8469

■ 162.6300, 27.7904,
-47.0335

■ 128.8080, 44.4647,
-75.2536

■ 173.9040, 22.2323,
-37.6268

■ 117.5340, 50.0227,
-84.6603

■ 185.1780, 16.6742,
-28.2201

■ 106.5590, 55.4334,
-93.4522

■ 196.4520, 11.1162,
-18.8134

■ 207.4270, 5.7055,
-10.0215

■ 218.7010, 0.1474,
-0.6148

■ 229.9750, -5.4107,
8.7919

■ 239.1560, -9.9369,
13.8952

■ 243.8520,
-12.2520, 9.7768

Harmonies

Analogous

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



141.7630, 29.2038, -80.4762



151.3560, 33.3485, -56.4402



161.3650, 29.8931, -21.3681

Triad

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



151.3560, 33.3485, -56.4402



165.4130, -6.1196, 49.6268



155.6350, -20.0331, -14.5889

Complementary

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



151.3560, 33.3485, -56.4402



154.6440, -33.3485, 56.4402

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.



159.3240, -28.2607, 11.1169



151.3560, 33.3485, -56.4402



163.8460, -19.6441, 47.4931

Square

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



151.3560, 33.3485, -56.4402



166.7070, 8.0324, 37.0910



162.1680, -28.1838, 33.1787



150.4710, -4.6692, -42.5091

Rectangle

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



151.3560, 33.3485, -56.4402



164.8410, 24.7284, 1.8934



162.1680, -28.1838, 33.1787



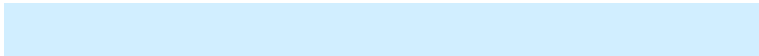
157.0660, -23.6965, -6.1969

Sweetspot

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



151.3560, 33.3485, -56.4402



231.2670, 11.7004, -19.5282



169.7280, -18.1069, -72.5525



112.8720, 7.4581, -12.1657



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.



151.3560, 33.3485, -56.4402



160.6550, 46.5121, -78.6274



113.7880, 51.8695, -23.4931



104.3630, 2.7790, -4.7034



84.2920, 43.7330, -73.9241



22.2670, 11.7004, -19.5282

Inverse Universe

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



136.0440, 17.2333, 72.7524



139.3540, 23.9825, 101.4215



192.2120, -51.8695, 23.4931



103.0870, 1.4361, 6.0627



64.2670, 22.5464, 95.3588



17.0600, 5.8864, 25.3804

Previews

White Background



This preview shows how the YUV color 151.3560, 33.3485, -56.4402 looks on a white background.

Color Contrast Check

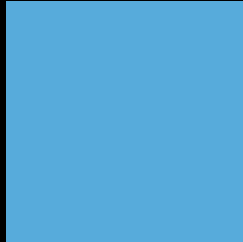
Large Text (above 18pt) WCAG AA × Fail

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 151.3560, 33.3485, -56.4402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

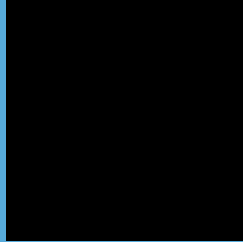
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.3560, 33.3485, -56.4402

Background



This preview shows how black text looks on a background with the YUV color 151.3560, 33.3485, -56.4402.

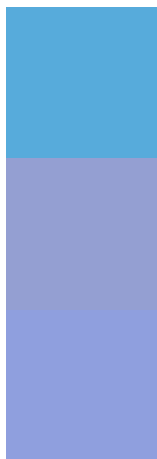


This preview shows how white text looks on a background with the YUV color 151.3560, 33.3485, -56.4402.

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

151.3560, 33.3485, -56.4402

Protanopia

161.5250, 23.8982, -11.8614

Deuteranopia

161.3980, 29.8768, -16.1350



Tritanopia

147.0980, 21.1507, -64.1069

Trichromacy



Original Color

151.3560, 33.3485, -56.4402

Protanomaly

157.6370, 27.2940, -27.7456

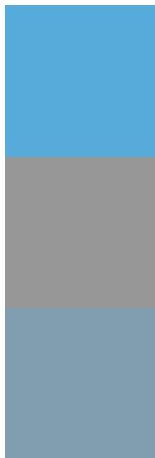
Deuteranomaly

157.6520, 31.2306, -30.3898

Tritanomaly

148.6730, 25.7972, -61.1032

Monochromacy



Original Color

151.3560, 33.3485, -56.4402

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0820, 12.2846, -20.2429

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3560, 33.3485, -56.4402 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(87, 171, 219)` looks like.

```
.text, #text, p{  
    color:rgb(87, 171, 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(87, 171, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 171, 219) }
```

Border

The CSS property to change the border of an element to YUV 151.3560, 33.3485, -56.4402 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(87, 171, 219) }
```


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

```
.border{ border-color:rgb(87, 171, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 171, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 171, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 171, 219);  
box-shadow:4px 4px 4px 4px rgb(87, 171,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 151.3560, 33.3485, -56.4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 171, 219) }
```

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

```
.background{ background-color: rgb(87, 171,  
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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