

Converting Colors

YUV(159.6000, 33.2282,
-64.5472)

Have a look what the booklet for
YUV(159.6000, 33.2282, -64.5472)
contains.

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Color

**YUV(159.6000, 33.2282,
-64.5472)**

Conversions

Conversions Part 1

Format	Color
Hex	56B8E3
RGB	86, 184, 227
RGB Percent	34%, 72%, 89%
CMY	0.6627, 0.2784, 0.1098
CMYK	0.62, 0.19, 0.00, 0.11
HSL	198°, 72%, 61%
HSV	198°, 62%, 89%
XYZ	34.8434, 41.8055, 78.9059
YIQ	159.6000, -72.2110, -7.4030

Conversions

Conversions Part 2

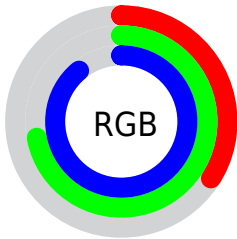
Format	Color
R_{YB}	86, 144, 227
Decimal	5683427
CIE _{Lab}	70.74, -16.02, -30.10
CIE _{LCh}	71, 34.095, 241.979
Yxy	41.8055, 0.2240, 0.2688
Android (android.graphics.Color)	4283873507 (0xFF56B8E3)
YUV	159.6000, 33.2282, -64.5472
Hunter-Lab	64.6571, -16.9574, -27.0959

Details

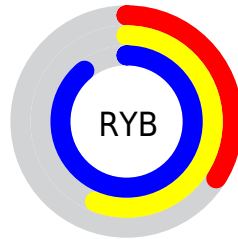
The YUV color **159.6000, 33.2282, -64.5472** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **153.4000, -33.2282, 64.5472**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9030, 20.2608, -58.6739**, and **96.3910, 36.7822, -84.5349** is the 20% darker color. If you saturate the color by 10%, you get **148.6140, 38.6443, -75.0835**, and if you desaturate by 10%, it is **170.5860, 27.8121, -54.0109**.

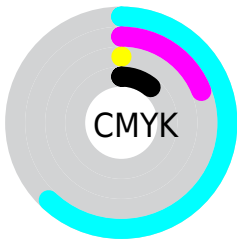
Distribution



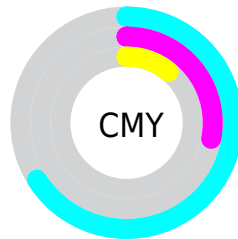
- Red (34%)
- Green (72%)
- Blue (89%)



- Red (34%)
- Yellow (56%)
- Blue (89%)



- Cyan (62%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (66%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.6000, 33.2282, -64.5472 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 159.6000, 33.2282, -64.5472 by changing the saturation by 10% instead.

■ 159.6000, 33.2282,
-64.5472

■ 159.6000, 33.2282,
-64.5472

■ 255.0000, 0.0000,
0.0000

■ 130.0940, 33.9707,
-69.3654

■ 213.9030, 20.2608,
-58.6739

■ 96.3910, 36.7822,
-84.5349

■ 231.6780, 11.4977,
-47.9526

■ 78.7520, 32.6603,
-69.0655

■ 240.6480, 7.0755,
-29.5093

■ 61.7000, 28.2489,
-54.1109

■ 249.9170, 2.5059,
-10.4512

■ 44.7620, 24.2743,
-39.2563

■ 29.6990, 19.8684,
-26.0460

■ 10.7550, 18.3618,

-9.4321

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 159.6000, 33.2282,
-64.5472

■ 159.6000, 33.2282,
-64.5472

■ 148.6140, 38.6443,
-75.0835

■ 170.5860, 27.8121,
-54.0109

■ 137.9270, 43.9130,
-85.0050

■ 181.2730, 22.5434,
-44.0894

■ 126.9410, 49.3291,
-95.5413

■ 192.2590, 17.1273,
-33.5531

■ 118.6240, 53.4294,
-104.0332

■ 203.2450, 11.7112,
-23.0169

■ 214.2310, 6.2951,
-12.4806

■ 224.9180, 1.0264,
-2.5591

■ 235.3170, -4.1003,
8.4920

■ 242.4160, -7.6001,
11.0362

■ 246.5250, -9.6258,
7.4326

Harmonies

Analogous

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



153.1500, 25.5620, -79.0616



159.6000, 33.2282, -64.5472



169.5810, 32.2516, -31.2045

Triad

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



159.6000, 33.2282, -64.5472



176.4390, -2.1884, 48.7270



167.4680, -23.4017, -7.4264

Complementary

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



159.6000, 33.2282, -64.5472



153.4000, -33.2282, 64.5472

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.



171.0260, -29.5928, 18.3942



159.6000, 33.2282, -64.5472



175.0790, -16.3079, 50.7967

Square

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



159.6000, 33.2282, -64.5472



177.5260, 12.5587, 31.9877



173.2550, -26.7477, 39.2414



162.8480, -9.7851, -34.9467

Rectangle

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



159.6000, 33.2282, -64.5472



174.1710, 27.5237, -8.0430



173.2550, -26.7477, 39.2414



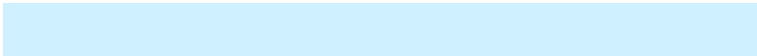
168.7250, -26.4864, 1.9952

Sweetspot

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



159.6000, 33.2282, -64.5472



231.8430, 11.4164, -21.7873



173.5550, -22.4586, -76.7857



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.



159.6000, 33.2282, -64.5472



163.8450, 44.9394, -87.5641



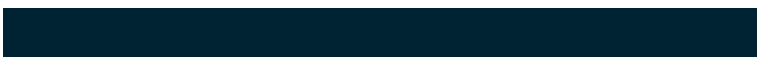
118.5100, 53.4856, -28.5113



109.0640, 2.9264, -5.3181



93.1940, 42.3024, -81.7311



26.3590, 12.1480, -23.1168

Inverse Universe

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



139.3310, 22.0218, 76.8857



136.2710, 29.9394, 104.1253



194.4900, -53.4856, 28.5113



107.5000, 1.7255, 6.5775



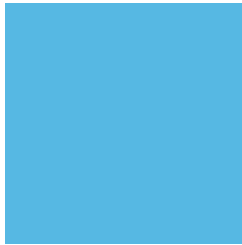
67.6570, 27.7771, 97.6478



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 159.6000, 33.2282, -64.5472 looks on a white background.

Color Contrast Check

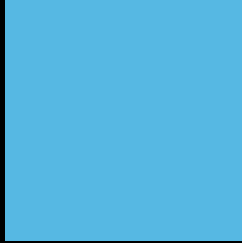
Large Text (above 18pt) WCAG AA × Fail

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 159.6000, 33.2282, -64.5472 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 159.6000, 33.2282, -64.5472 Background



This preview shows how black text looks on a background with the YUV color 159.6000, 33.2282, -64.5472.



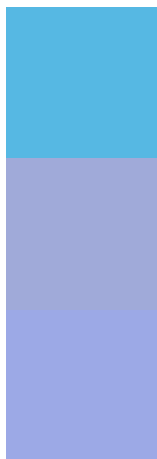
This preview shows how white text looks on a background with the YUV color 159.6000, 33.2282, -64.5472.

-64.5472.

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

159.6000, 33.2282, -64.5472

Protanopia

172.3680, 22.0036, -10.8467

Deuteranopia

172.0670, 28.5610, -14.0908



Tritanopia

155.9230, 23.2090, -70.9695

Trichromacy



Original Color

159.6000, 33.2282, -64.5472

Protanomaly

167.6860, 26.2838, -30.4196

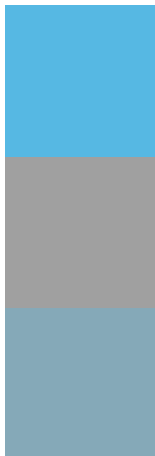
Deuteranomaly

167.4130, 30.3624, -31.9342

Tritanomaly

157.5580, 26.8399, -68.8954

Monochromacy



Original Color

159.6000, 33.2282, -64.5472

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.9460, 11.8586, -23.6316

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.6000, 33.2282, -64.5472 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(86, 184, 227)` looks like.

```
.text, #text, p{  
    color:rgb(86, 184, 227)  
}
```

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(86, 184, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 184, 227) }
```

Border

The CSS property to change the border of an element to YUV 159.6000, 33.2282, -64.5472 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(86, 184, 227) }
```


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

```
.border{ border-color:rgb(86, 184, 227) }
```

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

Here you see how a box with a 4 pixel rgb(86, 184, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 184, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 184, 227);  
box-shadow:4px 4px 4px 4px rgb(86, 184,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 159.6000, 33.2282, -64.5472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 184, 227) }
```

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

```
.background{ background-color: rgb(86, 184,  
227) }
```

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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