

Converting Colors

YUV(185.6830, 30.7223,
-54.0960)

Have a look what the booklet for
YUV(185.6830, 30.7223, -54.0960)
contains.

YUV(185.6830, 30.7223, -54.0960)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(185.6830, 30.7223,
-54.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	7CCDF8
RGB	124, 205, 248
RGB Percent	49%, 80%, 97%
CMY	0.5137, 0.1961, 0.0275
CMYK	0.50, 0.17, 0.00, 0.03
HSL	201°, 90%, 73%
HSV	201°, 50%, 97%
XYZ	47.0868, 54.7250, 96.8882
YIQ	185.6830, -62.0790, -3.7990

Conversions

Conversions Part 2

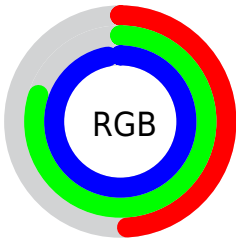
Format	Color
RYB	124, 173, 248
Decimal	8179192
CIELab	78.88, -13.35, -28.78
CIELCh	79, 31.722, 245.120
Yxy	54.7250, 0.2370, 0.2754
Android (android.graphics.Color)	4286369272 (0xFF7CCDF8)
YUV	185.6830, 30.7223, -54.0960
Hunter-Lab	73.9764, -15.8414, -25.8697

Details

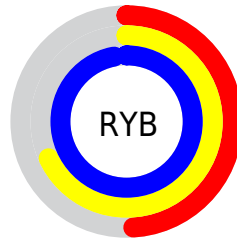
The YUV color **185.6830, 30.7223, -54.0960** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **186.3170, -30.7223, 54.0960**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4720, 10.6133, -44.2639**, and **129.2480, 30.4437, -58.0995** is the 20% darker color. If you saturate the color by 10%, you get **172.9250, 37.0120, -64.8322**, and if you desaturate by 10%, it is **198.4410, 24.4326, -43.3598**.

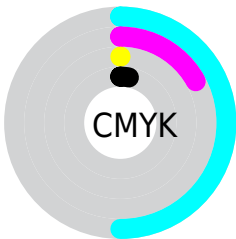
Distribution



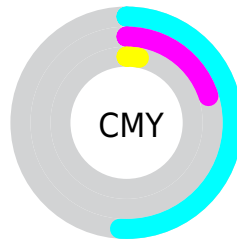
- Red (49%)
- Green (80%)
- Blue (97%)



- Red (49%)
- Yellow (68%)
- Blue (97%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (51%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.6830, 30.7223, -54.0960 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 185.6830, 30.7223, -54.0960 by changing the saturation by 10% instead.

■ 185.6830, 30.7223,
-54.0960

■ 185.6830, 30.7223,
-54.0960

■ 255.0000, 0.0000,
0.0000

■ 157.5580, 30.2909,
-55.7404

■ 233.4720, 10.6133,
-44.2639

■ 129.2480, 30.4437,
-58.0995

■ 242.1430, 6.3385,
-26.4354

■ 98.3500, 32.3655,
-67.8359

■ 251.1130, 1.9163,
-7.9921

■ 74.4320, 31.3390,
-65.2769

■ 57.3800, 26.9277,
-50.3223

■ 41.1430, 23.1005,
-36.0824

■ 26.0800, 18.6946,

-22.8722

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 185.6830, 30.7223,
-54.0960

■ 185.6830, 30.7223,
-54.0960

■ 172.9250, 37.0120,
-64.8322

■ 198.4410, 24.4326,
-43.3598

■ 160.7540, 43.0123,
-76.0833

■ 210.6120, 18.4323,
-32.1087

■ 148.2950, 49.1546,
-86.2047

■ 223.0710, 12.2900,
-21.9873

■ 136.1240, 55.1549,
-97.4557

■ 235.2420, 6.2897,
-10.7362

■ 123.3660, 61.4446,
-108.1920

■ 248.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



180.0590, 23.6349, -67.5807



185.6830, 30.7223, -54.0960



193.3430, 29.9039, -24.8568

Triad

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



185.6830, 30.7223, -54.0960



198.9720, -3.9302, 47.3826



189.9130, -21.6491, -9.5707

Complementary

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



185.6830, 30.7223, -54.0960



186.3170, -30.7223, 54.0960

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.



193.0580, -28.1296, 15.7351



185.6830, 30.7223, -54.0960



197.8290, -17.1707, 47.5080

Square

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



185.6830, 30.7223, -54.0960



199.9560, 10.3747, 32.4876



195.7600, -26.0107, 36.1675



185.4180, -7.6011, -35.4466

Rectangle

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



185.6830, 30.7223, -54.0960



197.0360, 25.6183, -3.5396



195.7600, -26.0107, 36.1675



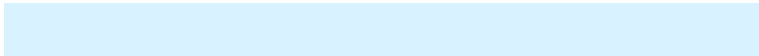
190.8710, -24.5864, -0.7639

Sweetspot

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



185.6830, 30.7223, -54.0960



236.0070, 9.3635, -16.6691



201.4620, -17.9758, -67.9342



116.4270, 5.7055, -10.0215



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.



185.6830, 30.7223, -54.0960



178.1420, 37.8910, -66.7765



150.4630, 48.0857, -23.2081



118.7650, 3.0739, -5.9329



93.7470, 46.9597, -82.2161



30.4340, 15.0690, -26.6906

Inverse Universe

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



170.3100, 17.1022, 68.1341



159.1470, 21.1265, 84.0631



221.5370, -48.0857, 23.2081



116.9130, 2.0149, 7.0923



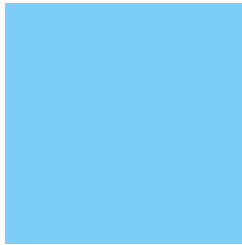
70.5330, 25.8662, 103.8956



22.7990, 8.4801, 33.5023

Previews

White Background



This preview shows how the YUV color 185.6830, 30.7223, -54.0960 looks on a white background.

Color Contrast Check

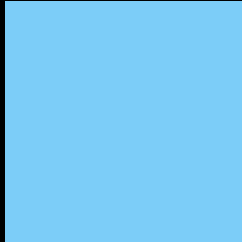
Large Text (above 18pt) WCAG AA × Fail

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 185.6830, 30.7223, -54.0960 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

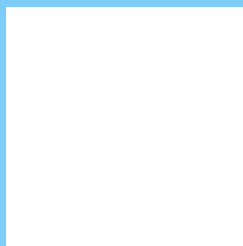
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 185.6830, 30.7223, -54.0960

Background



This preview shows how black text looks on a background with the YUV color 185.6830, 30.7223, -54.0960.



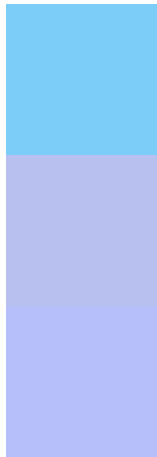
This preview shows how white text looks on a background with the YUV color 185.6830, 30.7223, -54.0960.

-54.0960.

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

185.6830, 30.7223, -54.0960

Protanopia

194.6670, 21.8562, -10.2320

Deuteranopia

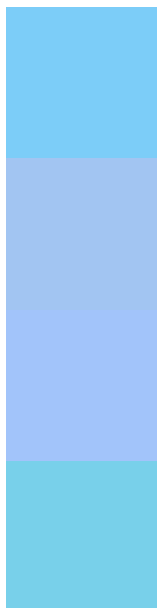
195.4480, 27.3871, -10.9169



Tritanopia

183.4300, 20.9870, -58.2591

Trichromacy



Original Color

185.6830, 30.7223, -54.0960

Protanomaly

191.6650, 24.8152, -26.0162

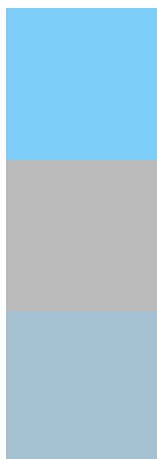
Deuteranomaly

191.9900, 28.5989, -26.3012

Tritanomaly

184.6520, 24.3286, -56.6998

Monochromacy



Original Color

185.6830, 30.7223, -54.0960

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.8540, 11.4110, -20.0430

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.6830, 30.7223, -54.0960 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(124, 205, 248)` looks like.

```
.text, #text, p{  
    color:rgb(124, 205, 248)  
}
```

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(124, 205, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 205, 248) }
```

Border

The CSS property to change the border of an element to YUV 185.6830, 30.7223, -54.0960 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(124, 205, 248) }
```


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

```
.border{ border-color:rgb(124, 205, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 205, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 205, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 205, 248);  
box-shadow:4px 4px 4px 4px rgb(124, 205,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 185.6830, 30.7223, -54.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 205, 248) }
```

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

```
.background{ background-color: rgb(124,  
205, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor