

Converting Colors

YUV(197.3790, 28.4072,
-58.2144)

Have a look what the booklet for
YUV(197.3790, 28.4072, -58.2144)
contains.

YUV(197.3790, 28.4072, -58.2144)	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(197.3790, 28.4072,
-58.2144)**

Conversions

Conversions Part 1

Format	Color
Hex	83DCFF
RGB	131, 220, 255
RGB Percent	51%, 86%, 100%
CMY	0.4863, 0.1373, 0.0000
CMYK	0.49, 0.14, 0.00, 0.00
HSL	197°, 100%, 76%
HSV	197°, 49%, 100%
XYZ	53.0033, 63.2317, 104.0191
YIQ	197.3790, -64.2790, -7.9830

Conversions

Conversions Part 2

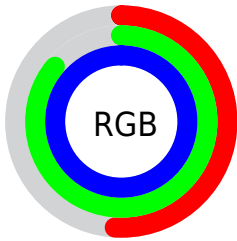
Format	Color
RYB	131, 183, 255
Decimal	8641791
CIELab	83.56, -17.60, -25.31
CIElCh	84, 30.833, 235.185
Yxy	63.2317, 0.2406, 0.2871
Android (android.graphics.Color)	4286831871 (0xFF83DCFF)
YUV	197.3790, 28.4072, -58.2144
Hunter-Lab	79.5184, -20.1773, -21.8953

Details

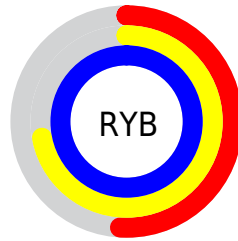
The YUV color **197.3790, 28.4072, -58.2144** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **188.6210, -28.4072, 58.2144**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5650, 9.5815, -39.9605**, and **140.3570, 28.4180, -61.7031** is the 20% darker color. If you saturate the color by 10%, you get **185.7950, 34.1181, -69.9802**, and if you desaturate by 10%, it is **208.9630, 22.6962, -46.4486**.

Distribution



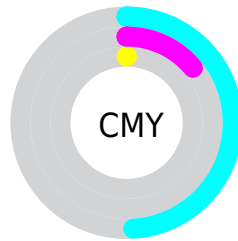
- Red (51%)
- Green (86%)
- Blue (100%)



- Red (51%)
- Yellow (72%)
- Blue (100%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.3790, 28.4072, -58.2144 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 197.3790, 28.4072, -58.2144 by changing the saturation by 10% instead.

197.3790, 28.4072,
-58.2144

197.3790, 28.4072,
-58.2144

255.0000, 0.0000,
0.0000

168.6670, 28.2652,
-59.3440

235.5650, 9.5815,
-39.9605

140.3570, 28.4180,
-61.7031

244.5350, 5.1592,
-21.5172

110.6550, 29.7501,
-68.9804

253.5050, 0.7370,
-3.0739

82.7470, 30.1977,
-72.5691

65.1080, 26.0758,
-57.0997

48.8710, 22.2486,
-42.8599

33.2210, 18.1320,

-29.1348

■ 18.8590, 13.8735,
-16.5393

■ 3.5510, 11.0674,
-3.1142

■ 197.3790, 28.4072,
-58.2144

■ 197.3790, 28.4072,
-58.2144

■ 185.7950, 34.1181,
-69.9802

■ 208.9630, 22.6962,
-46.4486

■ 173.9120, 39.9764,
-82.3608

■ 220.8460, 16.8379,
-34.0679

■ 161.7410, 45.9767,
-93.6119

■ 233.3160, 10.6902,
-22.2021

■ 149.8580, 51.8350,
-105.9925

■ 244.9000, 4.9793,
-10.4363

■ 138.2740, 57.5459, 255.0000, 0.0000,
-117.7583 0.0000

■ 136.4910, 58.4249,
-119.7026

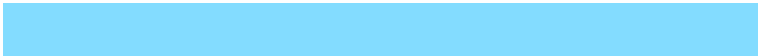
Harmonies

Analogous

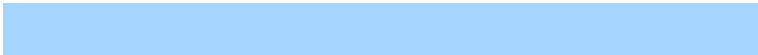
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



194.1150, 18.6773, -64.1219



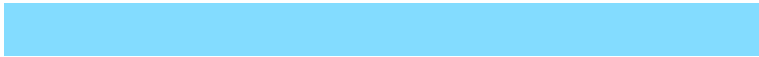
197.3790, 28.4072, -58.2144



202.8490, 25.7104, -33.1936

Triad

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



197.3790, 28.4072, -58.2144



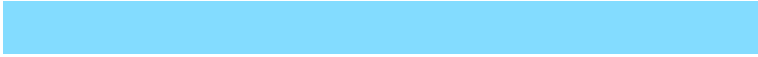
210.4100, 1.7699, 39.1054



204.2840, -24.2970, -0.2491

Complementary

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



197.3790, 28.4072, -58.2144



188.6210, -28.4072, 58.2144

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.



207.5150, -27.8619, 23.2273



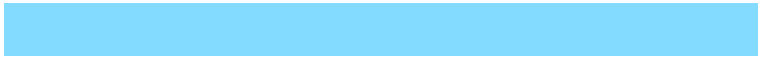
197.3790, 28.4072, -58.2144



207.6910, -11.1867, 41.4900

Square

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



197.3790, 28.4072, -58.2144



212.9380, 14.3276, 24.6104



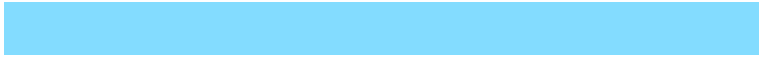
209.1780, -23.2588, 40.1859



200.3930, -13.0117, -26.6547

Rectangle

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



197.3790, 28.4072, -58.2144



207.6990, 23.3194, -12.8910



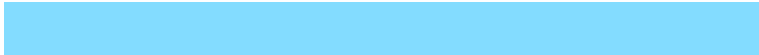
209.1780, -23.2588, 40.1859



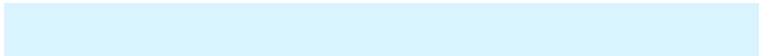
205.1710, -26.2133, 7.7430

Sweetspot

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



197.3790, 28.4072, -58.2144



237.1810, 8.7848, -17.6987



207.5500, -21.4701, -67.1343



117.0140, 5.4161, -10.5363



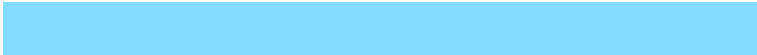
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



197.3790, 28.4072, -58.2144



186.0940, 33.9707, -69.3654



162.1590, 45.7706, -27.3264



121.7650, 3.0739, -5.9329



102.1930, 43.7819, -89.6233



34.2980, 14.6431, -30.0793

Inverse Universe

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



178.2220, 20.5966, 67.3343



163.3360, 24.4844, 80.3893



223.8410, -45.7706, 27.3264



119.9130, 2.0149, 7.0923



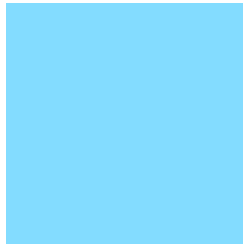
72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 197.3790, 28.4072, -58.2144 looks on a white background.

Color Contrast Check

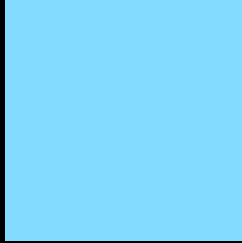
Large Text (above 18pt) WCAG AA × Fail

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 197.3790, 28.4072, -58.2144 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 197.3790, 28.4072, -58.2144 Background



This preview shows how black text looks on a background with the YUV color 197.3790, 28.4072, -58.2144.



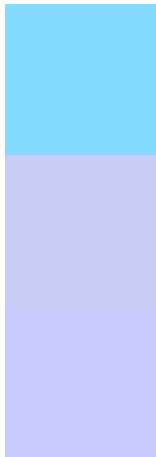
This preview shows how white text looks on a background with the YUV color 197.3790, 28.4072, -58.2144.

-58.2144.

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

197.3790, 28.4072, -58.2144

Protanopia

207.7660, 18.3564, -7.6878

Deuteranopia

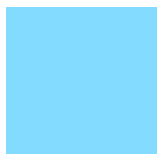
208.3300, 23.0083, -6.4284



Tritanopia

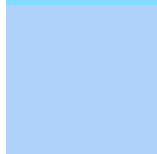
195.3480, 22.0134, -60.8182

Trichromacy



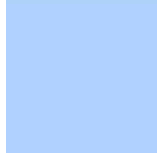
Original Color

197.3790, 28.4072, -58.2144



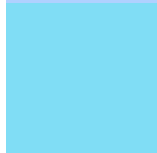
Protanomaly

203.6820, 22.3418, -26.0311



Deuteranomaly

204.3770, 24.9571, -24.8866



Tritanomaly

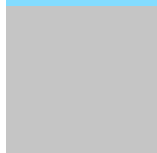
195.9290, 24.1920, -59.5737

Monochromacy



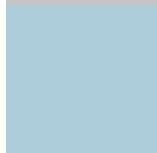
Original Color

197.3790, 28.4072, -58.2144



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.9140, 10.3954, -20.9726

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.3790, 28.4072, -58.2144 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(131, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 220, 255)  
}
```

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(131, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 220, 255) }
```

Border

The CSS property to change the border of an element to YUV 197.3790, 28.4072, -58.2144 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(131, 220, 255) }
```


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

```
.border{ border-color:rgb(131, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 220,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 197.3790, 28.4072, -58.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 220, 255) }
```

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

```
.background{ background-color: rgb(131,  
220, 255) }
```

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