

Converting Colors

YUV(183.4800, 35.2594,
-62.6880)

Have a look what the booklet for
YUV(183.4800, 35.2594, -62.6880)
contains.

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Color

**YUV(183.4800, 35.2594,
-62.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	70CEFF
RGB	112, 206, 255
RGB Percent	44%, 81%, 100%
CMY	0.5608, 0.1922, 0.0000
CMYK	0.56, 0.19, 0.00, 0.00
HSL	201°, 100%, 72%
HSV	201°, 56%, 100%
XYZ	46.8034, 54.8074, 102.7198
YIQ	183.4800, -71.7530, -4.6890

Conversions

Conversions Part 2

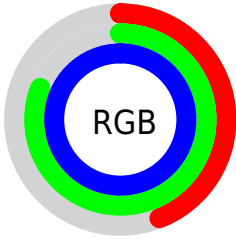
Format	Color
R _Y B	112, 169, 255
Decimal	7393023
CIE Lab	78.93, -14.35, -32.48
CIE LCh	79, 35.507, 246.169
Yxy	54.8074, 0.2291, 0.2682
Android (android.graphics.Color)	4285583103 (0xFF70CEFF)
YUV	183.4800, 35.2594, -62.6880
Hunter-Lab	74.0320, -16.7074, -30.4428

Details

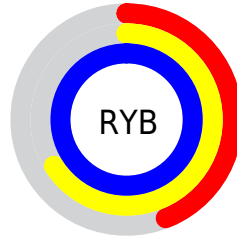
The YUV color **183.4800, 35.2594, -62.6880** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **183.5200, -35.2594, 62.6880**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4820, 12.0874, -50.4117**, and **124.3540, 36.3075, -72.2245** is the 20% darker color. If you saturate the color by 10%, you get **170.7220, 41.5491, -73.4242**, and if you desaturate by 10%, it is **196.5370, 28.8223, -51.3369**.

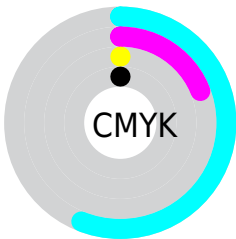
Distribution



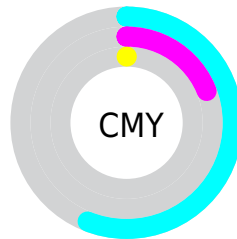
- Red (44%)
- Green (81%)
- Blue (100%)



- Red (44%)
- Yellow (66%)
- Blue (100%)



- Cyan (56%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.4800, 35.2594, -62.6880 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 183.4800, 35.2594, -62.6880 by changing the saturation by 10% instead.

■ 183.4800, 35.2594,
-62.6880

■ 183.4800, 35.2594,
-62.6880

255.0000, 0.0000,
0.0000

■ 154.1700, 35.4122,
-65.0471

■ 230.4820, 12.0874,
-50.4117

■ 124.3540, 36.3075,
-72.2245

■ 239.4520, 7.6652,
-31.9684

■ 93.4560, 38.2292,
-81.9609

■ 248.4220, 3.2430,
-13.5251

■ 75.7030, 33.6704,
-66.3915

■ 58.6510, 29.2591,
-51.4369

■ 42.3000, 24.9951,
-37.0971

■ 27.2370, 20.5892,

-23.8868

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 183.4800, 35.2594,
-62.6880

■ 183.4800, 35.2594,
-62.6880

■ 170.7220, 41.5491,
-73.4242

■ 196.5370, 28.8223,
-51.3369

■ 158.2520, 47.6968,
-85.2900

■ 208.7080, 22.8220,
-40.0859

■ 145.1950, 54.1339,
-96.6410

■ 221.7650, 16.3849,
-28.7349

■ 132.4370, 60.4236,
-107.3772

■ 234.5230, 10.0952,
-17.9987

■ 127.6860, 62.7658,
-111.9806

■ 247.5800, 3.6581,
-6.6477

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



176.1220, 28.0409, -80.7910



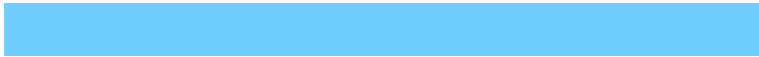
183.4800, 35.2594, -62.6880



192.2610, 30.9303, -27.4159

Triad

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



183.4800, 35.2594, -62.6880



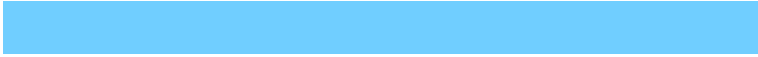
197.6950, -3.7936, 50.2565



189.0330, -23.6803, -11.4299

Complementary

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



183.4800, 35.2594, -62.6880



183.5200, -35.2594, 62.6880

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.



193.1460, -31.6240, 16.5350



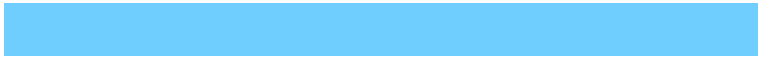
183.4800, 35.2594, -62.6880



196.9820, -19.2181, 50.8818

Square

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



183.4800, 35.2594, -62.6880



200.2170, 11.2320, 37.5207



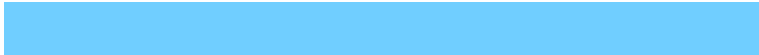
195.5710, -29.3685, 39.8412



183.9720, -7.8742, -41.1944

Rectangle

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



183.4800, 35.2594, -62.6880



197.4320, 28.3810, -3.0099



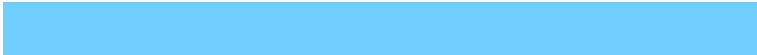
195.5710, -29.3685, 39.8412



190.1760, -27.2018, -1.9084

Sweetspot

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



183.4800, 35.2594, -62.6880



233.3380, 10.6794, -18.7134



201.4130, -20.4166, -78.4152



114.9430, 6.4371, -11.3510



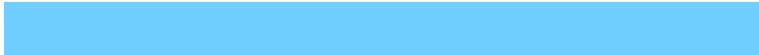
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



183.4800, 35.2594, -62.6880



169.2380, 42.2807, -74.7537



142.3900, 55.5167, -26.6520



121.1780, 3.3632, -5.4181



95.7360, 46.9652, -83.9605



31.9500, 15.8006, -28.0202

Inverse Universe

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



165.4730, 19.9798, 78.5152



147.8970, 23.7148, 93.9293



224.6100, -55.5167, 26.6520



119.7990, 1.5781, 7.1923



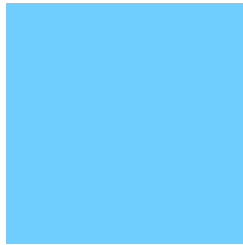
71.4730, 26.8818, 104.8252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 183.4800, 35.2594, -62.6880 looks on a white background.

Color Contrast Check

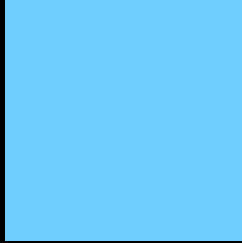
Large Text (above 18pt) WCAG AA × Fail

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 183.4800, 35.2594, -62.6880 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

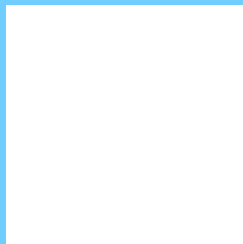
Any Text WCAG AAA ✓ Pass

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

YUV 183.4800, 35.2594, -62.6880 Background



This preview shows how black text looks on a background with the YUV color 183.4800, 35.2594, -62.6880.



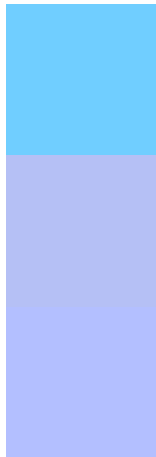
This preview shows how white text looks on a background with the YUV color 183.4800, 35.2594, -62.6880.

-62.6880.

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

183.4800, 35.2594, -62.6880

Protanopia

194.7530, 24.7718, -12.0614

Deuteranopia

194.7080, 29.7240, -13.7759



Tritanopia

180.0480, 23.6403, -69.3251

Trichromacy



Original Color

183.4800, 35.2594, -62.6880

Protanomaly

190.6690, 28.7572, -30.4047

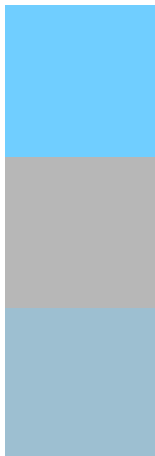
Deuteranomaly

190.4670, 31.8148, -31.1046

Tritanomaly

181.2100, 27.9975, -66.8362

Monochromacy



Original Color

183.4800, 35.2594, -62.6880

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

182.8860, 12.8742, -22.7020

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.4800, 35.2594, -62.6880 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(112, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 206, 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(112, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 206, 255) }
```

Border

The CSS property to change the border of an element to YUV 183.4800, 35.2594, -62.6880 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(112, 206, 255) }
```


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

```
.border{ border-color:rgb(112, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 206,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 183.4800, 35.2594, -62.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 206, 255) }
```

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

```
.background{ background-color: rgb(112,  
206, 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](#).

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