

Converting Colors

YUV(193.2150, 30.4600,
-63.3326)

Have a look what the booklet for
YUV(193.2150, 30.4600, -63.3326)
contains.

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Color

**YUV(193.2150, 30.4600,
-63.3326)**

Conversions

Conversions Part 1

Format	Color
Hex	79DAFF
RGB	121, 218, 255
RGB Percent	47%, 85%, 100%
CMY	0.5255, 0.1451, 0.0000
CMYK	0.53, 0.15, 0.00, 0.00
HSL	197°, 100%, 74%
HSV	197°, 53%, 100%
XYZ	51.0066, 61.4278, 103.7762
YIQ	193.2150, -69.6890, -9.0570

Conversions

Conversions Part 2

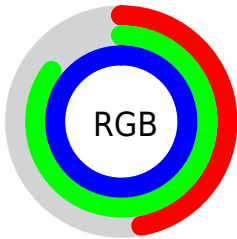
Format	Color
R _Y B	121, 177, 255
Decimal	7985919
CIE Lab	82.61, -18.72, -26.81
CIE LCh	83, 32.696, 235.078
Yxy	61.4278, 0.2359, 0.2841
Android (android.graphics.Color)	4286175999 (0xFF79DAFF)
YUV	193.2150, 30.4600, -63.3326
Hunter-Lab	78.3759, -20.9910, -23.6418

Details

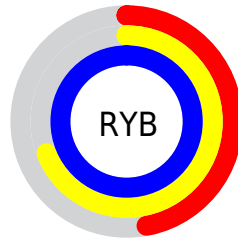
The YUV color **193.2150, 30.4600, -63.3326** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **182.7850, -30.4600, 63.3326**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, 10.9081, -45.4935**, and **134.9970, 31.0605, -69.2804** is the 20% darker color. If you saturate the color by 10%, you get **181.6310, 36.1709, -75.0984**, and if you desaturate by 10%, it is **205.0980, 24.6017, -50.9519**.

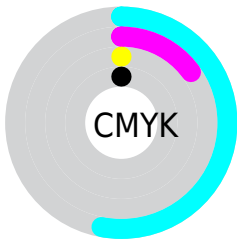
Distribution



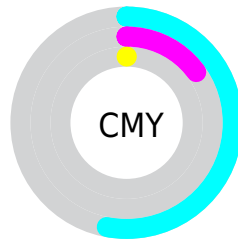
- Red (47%)
- Green (85%)
- Blue (100%)



- Red (47%)
- Yellow (69%)
- Blue (100%)



- Cyan (53%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.2150, 30.4600, -63.3326 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 193.2150, 30.4600, -63.3326 by changing the saturation by 10% instead.

193.2150, 30.4600,
-63.3326

193.2150, 30.4600,
-63.3326

255.0000, 0.0000,
0.0000

164.2040, 30.4654,
-65.0769

232.8740, 10.9081,
-45.4935

134.9970, 31.0605,
-69.2804

241.8440, 6.4859,
-27.0502

99.9130, 35.0459,
-87.6237

250.8140, 2.0637,
-8.6069

81.5730, 30.7765,
-71.5395

64.5210, 26.3651,
-56.5849

47.6970, 22.8274,
-41.8303

32.0470, 18.7108,

-28.1052

■ 16.5110, 15.0311,
-14.4801

■ 3.5510, 11.0674,
-3.1142

■ 193.2150, 30.4600,
-63.3326

■ 193.2150, 30.4600,
-63.3326

■ 181.6310, 36.1709,
-75.0984

■ 205.0980, 24.6017,
-50.9519

■ 169.7480, 42.0292,
-87.4790

■ 216.6820, 18.8908,
-39.1861

■ 157.8650, 47.8876,
-99.8596

■ 228.2660, 13.1799,
-27.4203

■ 146.2810, 53.5985,
-111.6254

■ 240.1490, 7.3215,
-15.0397

■ 137.6650, 57.8462,
-120.7322

■ 252.0320, 1.4632,
-2.6591

255.0000, 0.0000,
0.0000

Harmonies

Analogous

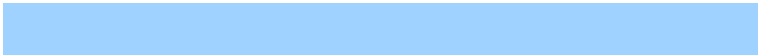
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



189.5380, 20.4408, -69.7548



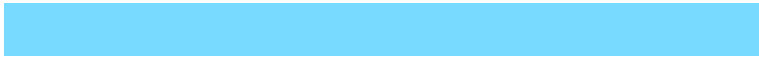
193.2150, 30.4600, -63.3326



199.8810, 27.1737, -35.8526

Triad

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



193.2150, 30.4600, -63.3326



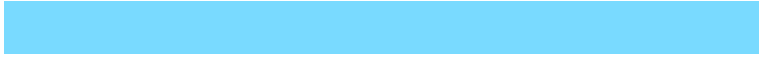
207.8340, 2.0538, 41.3646



201.5290, -25.8968, -0.4639

Complementary

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



193.2150, 30.4600, -63.3326



182.7850, -30.4600, 63.3326

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.



204.4720, -29.3197, 24.1421



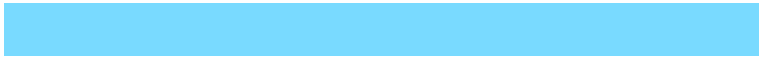
193.2150, 30.4600, -63.3326



204.8870, -11.7763, 43.9491

Square

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



193.2150, 30.4600, -63.3326



210.1770, 15.1957, 26.1548



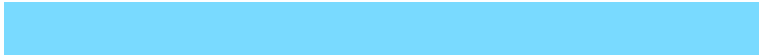
206.7330, -25.0114, 42.3302



197.2680, -13.4431, -28.2990

Rectangle

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



193.2150, 30.4600, -63.3326



204.7420, 24.7772, -13.8057



206.7330, -25.0114, 42.3302



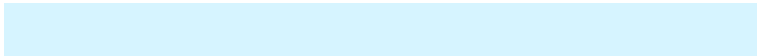
202.7150, -27.9605, 8.1429

Sweetspot

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



193.2150, 30.4600, -63.3326



236.2840, 9.2270, -19.5431



203.7620, -23.0537, -72.5823



116.4160, 5.7109, -11.7658



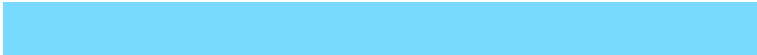
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



193.2150, 30.4600, -63.3326



181.0330, 36.4657, -76.3279



154.4730, 49.5598, -29.3558



121.7650, 3.0739, -5.9329



102.7800, 43.4925, -90.1381



34.2980, 14.6431, -30.0793

Inverse Universe

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



172.1240, 22.6169, 72.6823



155.4770, 27.3728, 87.2817



221.5270, -49.5598, 29.3558



119.9130, 2.0149, 7.0923



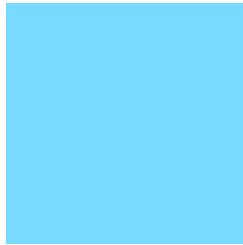
72.8410, 32.1234, 103.6254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 193.2150, 30.4600, -63.3326 looks on a white background.

Color Contrast Check

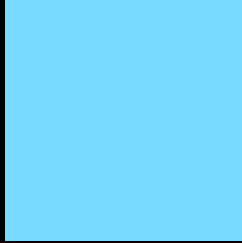
Large Text (above 18pt) WCAG AA × Fail

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 193.2150, 30.4600, -63.3326 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 193.2150, 30.4600, -63.3326 Background



This preview shows how black text looks on a background with the YUV color 193.2150, 30.4600, -63.3326.

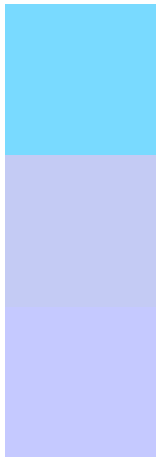


This preview shows how white text looks on a background with the YUV color 193.2150, 30.4600, -63.3326.

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

193.2150, 30.4600, -63.3326

Protanopia

205.5810, 18.9406, -8.4025

Deuteranopia

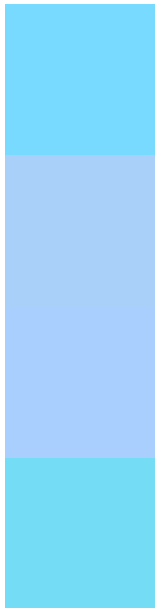
205.9600, 24.1767, -7.8579



Tritanopia

191.3580, 23.4875, -66.9660

Trichromacy



Original Color

193.2150, 30.4600, -63.3326

Protanomaly

200.8990, 23.2208, -27.9754

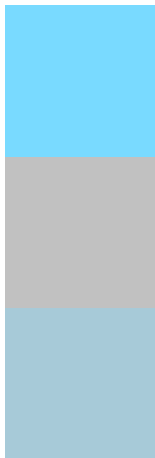
Deuteranomaly

201.1100, 26.5678, -28.1605

Tritanomaly

192.0530, 26.1029, -65.8215

Monochromacy



Original Color

193.2150, 30.4600, -63.3326

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.1310, 11.2744, -22.9169

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2150, 30.4600, -63.3326 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(121, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(121, 218, 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(121, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 218, 255) }
```

Border

The CSS property to change the border of an element to YUV 193.2150, 30.4600, -63.3326 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(121, 218, 255) }
```


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

```
.border{ border-color:rgb(121, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(121, 218,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 193.2150, 30.4600, -63.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 218, 255) }
```

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

```
.background{ background-color: rgb(121,  
218, 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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