

Converting Colors

YUV(195.6180, 29.2753,
-56.6700)

Have a look what the booklet for
YUV(195.6180, 29.2753, -56.6700)
contains.

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Color

**YUV(195.6180, 29.2753,
-56.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	83D9FF
RGB	131, 217, 255
RGB Percent	51%, 85%, 100%
CMY	0.4863, 0.1490, 0.0000
CMYK	0.49, 0.15, 0.00, 0.00
HSL	198°, 100%, 76%
HSV	198°, 49%, 100%
XYZ	52.2229, 61.6710, 103.7590
YIQ	195.6180, -63.4540, -6.4140

Conversions

Conversions Part 2

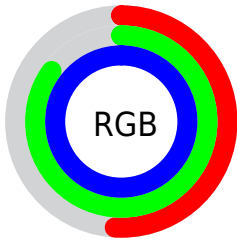
Format	Color
R_{YB}	131, 182, 255
Decimal	8641023
CIE _{Lab}	82.74, -16.07, -26.57
CIE _{LCh}	83, 31.057, 238.833
Yxy	61.6710, 0.2399, 0.2833
Android (android.graphics.Color)	4286831103 (0xFF83D9FF)
YUV	195.6180, 29.2753, -56.6700
Hunter-Lab	78.5309, -18.7268, -23.3653

Details

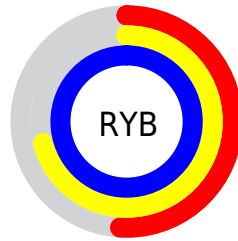
The YUV color **195.6180, 29.2753, -56.6700** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **190.3820, -29.2753, 56.6700**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5650, 9.5815, -39.9605**, and **138.5960, 29.2862, -60.1587** is the 20% darker color. If you saturate the color by 10%, you get **183.4470, 35.2756, -67.9210**, and if you desaturate by 10%, it is **207.7890, 23.2750, -45.4190**.

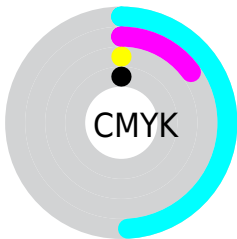
Distribution



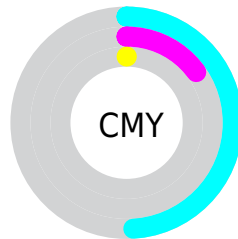
- Red (51%)
- Green (85%)
- Blue (100%)



- Red (51%)
- Yellow (71%)
- Blue (100%)



- Cyan (49%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.6180, 29.2753, -56.6700 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 195.6180, 29.2753, -56.6700 by changing the saturation by 10% instead.

■ 195.6180, 29.2753,
-56.6700

■ 195.6180, 29.2753,
-56.6700

■ 255.0000, 0.0000,
0.0000

■ 166.9060, 29.1333,
-57.7996

■ 235.5650, 9.5815,
-39.9605

■ 138.5960, 29.2862,
-60.1587

■ 244.2360, 5.3067,
-22.1320

■ 109.1930, 30.4709,
-66.8213

■ 253.5050, 0.7370,
-3.0739

■ 80.9860, 31.0659,
-71.0247

■ 63.9340, 26.6545,
-56.0701

■ 47.6970, 22.8274,
-41.8303

■ 32.0470, 18.7108,

-28.1052

■ 17.0980, 14.7417,
-14.9949

■ 3.5510, 11.0674,
-3.1142

■ 195.6180, 29.2753,
-56.6700

■ 195.6180, 29.2753,
-56.6700

■ 183.4470, 35.2756,
-67.9210

■ 207.7890, 23.2750,
-45.4190

■ 170.9770, 41.4233,
-79.7868

■ 220.2590, 17.1273,
-33.5531

■ 159.3930, 47.1343,
-91.5527

■ 232.1420, 11.2690,
-21.1725

■ 146.9230, 53.2820,
-103.4185

■ 244.3130, 5.2687,
-9.9215

■ 134.7520, 59.2823, 255.0000, 0.0000,
-114.6695 0.0000

■ 132.9690, 60.1613,
-116.6138

Harmonies

Analogous

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



191.8590, 20.2825, -65.6513



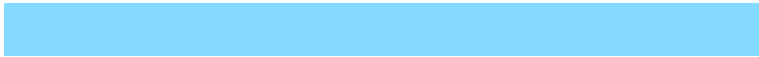
195.6180, 29.2753, -56.6700



201.9850, 26.1364, -29.8048

Triad

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



195.6180, 29.2753, -56.6700



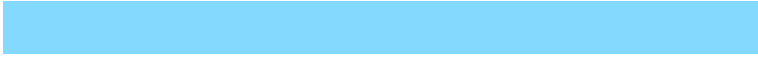
208.5520, -0.2721, 40.7349



201.4900, -23.4126, -3.9377

Complementary

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



195.6180, 29.2753, -56.6700



190.3820, -29.2753, 56.6700

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.



204.7920, -27.9985, 20.3534



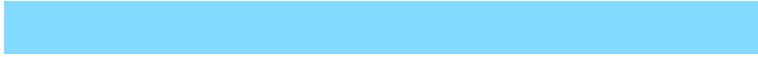
195.6180, 29.2753, -56.6700



206.4200, -13.5181, 42.6047

Square

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



195.6180, 29.2753, -56.6700



210.9060, 12.8643, 27.2694



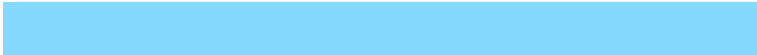
207.1240, -24.7111, 39.3563



197.5390, -11.1117, -29.4137

Rectangle

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



195.6180, 29.2753, -56.6700



206.2480, 24.0347, -8.9875



207.1240, -24.7111, 39.3563



202.5620, -25.9131, 4.7691

Sweetspot

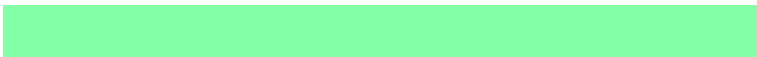
The Sweet Spot groups the original color and five complimentary colors.



195.6180, 29.2753, -56.6700



236.5940, 9.0742, -17.1839



208.0060, -19.7230, -67.5343



116.4270, 5.7055, -10.0215



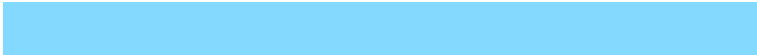
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



195.6180, 29.2753, -56.6700



184.3330, 34.8388, -67.8210



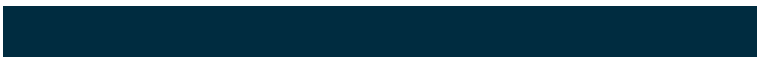
159.8110, 46.9282, -25.2672



121.7650, 3.0739, -5.9329



99.8450, 44.9394, -87.5641



33.1240, 15.2219, -29.0497

Inverse Universe

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



177.8800, 19.2862, 67.6342



162.9940, 23.1740, 80.6893



226.1890, -46.9282, 25.2672



119.9130, 2.0149, 7.0923



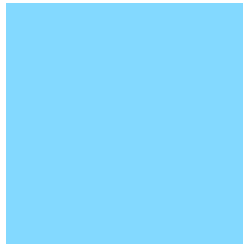
72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 195.6180, 29.2753, -56.6700 looks on a white background.

Color Contrast Check

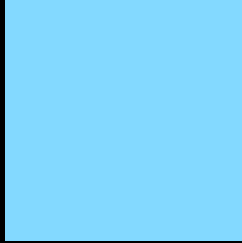
Large Text (above 18pt) WCAG AA × Fail

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 195.6180, 29.2753, -56.6700 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

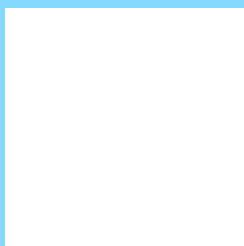
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 195.6180, 29.2753, -56.6700

Background



This preview shows how black text looks on a background with the YUV color 195.6180, 29.2753, -56.6700.



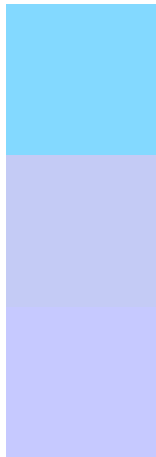
This preview shows how white text looks on a background with the YUV color 195.6180, 29.2753, -56.6700.

-56.6700.

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

195.6180, 29.2753, -56.6700

Protanopia

205.6950, 19.3774, -8.5025

Deuteranopia

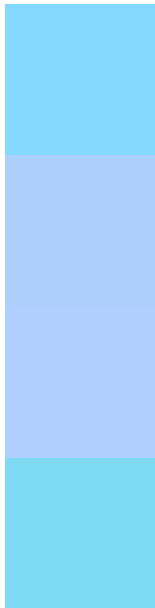
206.2590, 24.0293, -7.2431



Tritanopia

193.6470, 21.8660, -60.2034

Trichromacy



Original Color

195.6180, 29.2753, -56.6700

Protanomaly

201.9100, 23.2154, -26.2311

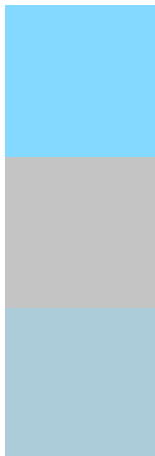
Deuteranomaly

202.6050, 25.8307, -25.0866

Tritanomaly

194.3420, 24.4814, -59.0589

Monochromacy



Original Color

195.6180, 29.2753, -56.6700

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9140, 10.3954, -20.9726

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.6180, 29.2753, -56.6700 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, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 217, 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, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 217, 255) }
```

Border

The CSS property to change the border of an element to YUV 195.6180, 29.2753, -56.6700 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, 217, 255) }
```


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

```
.border{ border-color:rgb(131, 217, 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, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 217,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 195.6180, 29.2753, -56.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 217, 255) }
```

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

```
.background{ background-color: rgb(131,  
217, 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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