

Converting Colors

YUV(196.7920, 28.6965,
-57.6996)

Have a look what the booklet for
YUV(196.7920, 28.6965, -57.6996)
contains.

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Color

**YUV(196.7920, 28.6965,
-57.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	83DBFF
RGB	131, 219, 255
RGB Percent	51%, 86%, 100%
CMY	0.4863, 0.1412, 0.0000
CMYK	0.49, 0.14, 0.00, 0.00
HSL	197°, 100%, 76%
HSV	197°, 49%, 100%
XYZ	52.7416, 62.7083, 103.9319
YIQ	196.7920, -64.0040, -7.4600

Conversions

Conversions Part 2

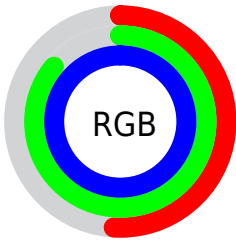
Format	Color
RYB	131, 182, 255
Decimal	8641535
CIELab	83.29, -17.09, -25.73
CIELCh	83, 30.895, 236.404
Yxy	62.7083, 0.2404, 0.2858
Android (android.graphics.Color)	4286831615 (0xFF83DBFF)
YUV	196.7920, 28.6965, -57.6996
Hunter-Lab	79.1886, -19.6946, -22.3838

Details

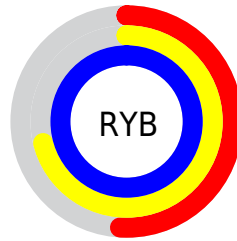
The YUV color **196.7920, 28.6965, -57.6996** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **189.2080, -28.6965, 57.6996**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5650, 9.5815, -39.9605**, and **139.7700, 28.7074, -61.1883** is the 20% darker color. If you saturate the color by 10%, you get **185.2080, 34.4075, -69.4654**, and if you desaturate by 10%, it is **208.3760, 22.9856, -45.9338**.

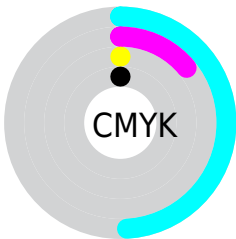
Distribution



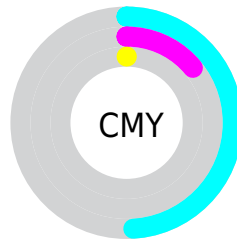
- Red (51%)
- Green (86%)
- Blue (100%)



- Red (51%)
- Yellow (71%)
- 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 196.7920, 28.6965, -57.6996 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 196.7920, 28.6965, -57.6996 by changing the saturation by 10% instead.

196.7920, 28.6965,
-57.6996

196.7920, 28.6965,
-57.6996

255.0000, 0.0000,
0.0000

168.0800, 28.5546,
-58.8292

235.5650, 9.5815,
-39.9605

139.7700, 28.7074,
-61.1883

244.5350, 5.1592,
-21.5172

110.0680, 30.0395,
-68.4656

253.5050, 0.7370,
-3.0739

82.1600, 30.4871,
-72.0543

65.1080, 26.0758,
-57.0997

48.2840, 22.5380,
-42.3451

32.6340, 18.4214,

-28.6200

■ 18.2720, 14.1629,
-16.0245

■ 3.5510, 11.0674,
-3.1142

■ 196.7920, 28.6965,
-57.6996

■ 196.7920, 28.6965,
-57.6996

■ 185.2080, 34.4075,
-69.4654

■ 208.3760, 22.9856,
-45.9338

■ 172.7380, 40.5552,
-81.3312

■ 220.8460, 16.8379,
-34.0679

■ 161.1540, 46.2661,
-93.0971

■ 232.7290, 10.9796,
-21.6873

■ 148.6840, 52.4138,
-104.9629

■ 244.9000, 4.9793,
-10.4363

■ 137.1000, 58.1247, 255.0000, 0.0000,
-116.7287 0.0000

■ 135.3170, 59.0037,
-118.6730

Harmonies

Analogous

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



193.2290, 19.1141, -64.2218



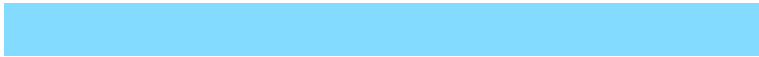
196.7920, 28.6965, -57.6996



202.5610, 25.8524, -32.0640

Triad

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



196.7920, 28.6965, -57.6996



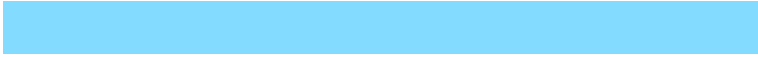
210.1820, 0.8963, 39.3054



203.3870, -23.8548, -2.0934

Complementary

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



196.7920, 28.6965, -57.6996



189.2080, -28.6965, 57.6996

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.



206.2160, -27.7145, 22.6126



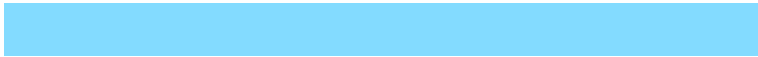
196.7920, 28.6965, -57.6996



207.4630, -12.0603, 41.6899

Square

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



196.7920, 28.6965, -57.6996



212.4220, 13.5960, 25.9399



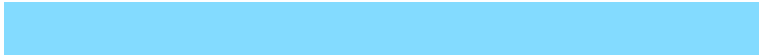
208.9500, -24.1323, 40.3859



199.3220, -11.9907, -27.4694

Rectangle

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



196.7920, 28.6965, -57.6996



207.4110, 23.4614, -11.7614



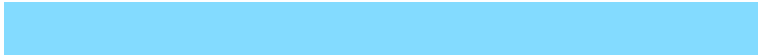
208.9500, -24.1323, 40.3859



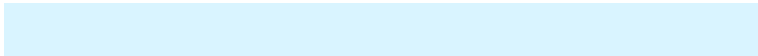
204.4590, -26.3553, 6.6135

Sweetspot

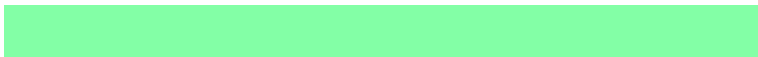
The Sweet Spot groups the original color and five complimentary colors.



196.7920, 28.6965, -57.6996



237.1810, 8.7848, -17.6987



207.7780, -20.5966, -67.3343



117.0140, 5.4161, -10.5363



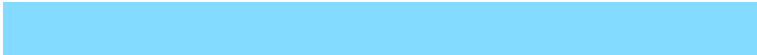
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



196.7920, 28.6965, -57.6996



185.5070, 34.2600, -68.8506



160.9850, 46.3494, -26.2968



121.7650, 3.0739, -5.9329



101.6060, 44.0712, -89.1085



33.7110, 14.9325, -29.5645

Inverse Universe

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



178.1080, 20.1598, 67.4343



163.2220, 24.0476, 80.4893



225.0150, -46.3494, 26.2968



119.9130, 2.0149, 7.0923



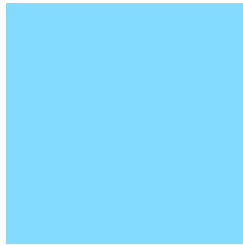
72.6130, 31.2498, 103.8254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 196.7920, 28.6965, -57.6996 looks on a white background.

Color Contrast Check

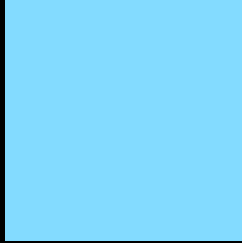
Large Text (above 18pt) WCAG AA × Fail

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 196.7920, 28.6965, -57.6996 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 196.7920, 28.6965, -57.6996

Background



This preview shows how black text looks on a background with the YUV color 196.7920, 28.6965, -57.6996.



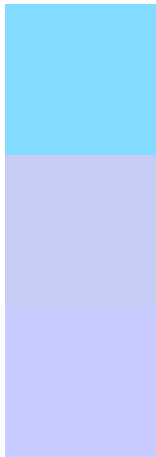
This preview shows how white text looks on a background with the YUV color 196.7920, 28.6965, -57.6996.

-57.6996.

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

196.7920, 28.6965, -57.6996

Protanopia

207.4670, 18.5038, -8.3026

Deuteranopia

208.0310, 23.1557, -7.0432



Tritanopia

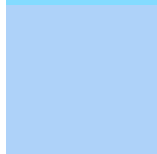
195.3480, 22.0134, -60.8182

Trichromacy



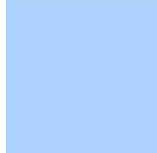
Original Color

196.7920, 28.6965, -57.6996



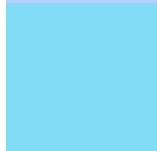
Protanomaly

203.6820, 22.3418, -26.0311



Deuteranomaly

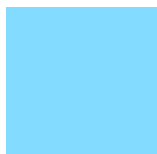
204.0780, 25.1045, -25.5014



Tritanomaly

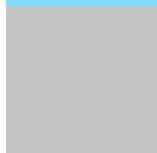
195.9290, 24.1920, -59.5737

Monochromacy



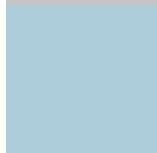
Original Color

196.7920, 28.6965, -57.6996



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 196.7920, 28.6965, -57.6996 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, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 219, 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, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 219, 255) }
```

Border

The CSS property to change the border of an element to YUV 196.7920, 28.6965, -57.6996 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, 219, 255) }
```


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

```
.border{ border-color:rgb(131, 219, 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, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 196.7920, 28.6965, -57.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 219, 255) }
```

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

```
.background{ background-color: rgb(131,  
219, 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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