

Converting Colors

YUV(197.6560, 28.2706,
-61.0883)

Have a look what the booklet for
YUV(197.6560, 28.2706, -61.0883)
contains.

YUV(197.6560, 28.2706, -61.0883)	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(197.6560, 28.2706,
-61.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	80DEFF
RGB	128, 222, 255
RGB Percent	50%, 87%, 100%
CMY	0.4980, 0.1294, 0.0000
CMYK	0.50, 0.13, 0.00, 0.00
HSL	196°, 100%, 75%
HSV	196°, 50%, 100%
XYZ	53.0734, 64.0517, 104.1737
YIQ	197.6560, -66.6170, -9.6650

Conversions

Conversions Part 2

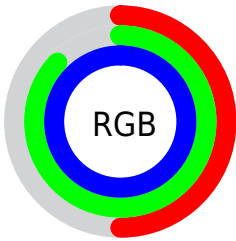
Format	Color
R _Y B	128, 182, 255
Decimal	8445695
CIE Lab	83.99, -19.27, -24.67
CIE LCh	84, 31.306, 232.010
Yxy	64.0517, 0.2398, 0.2894
Android (android.graphics.Color)	4286635775 (0xFF80DEFF)
YUV	197.6560, 28.2706, -61.0883
Hunter-Lab	80.0323, -21.6845, -21.1519

Details

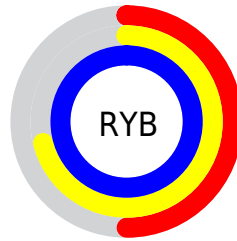
The YUV color **197.6560, 28.2706, -61.0883** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **185.3440, -28.2706, 61.0883**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6680, 10.0237, -41.8048**, and **140.3350, 28.4288, -65.1918** is the 20% darker color. If you saturate the color by 10%, you get **186.0720, 33.9815, -72.8541**, and if you desaturate by 10%, it is **209.5390, 22.4123, -48.7077**.

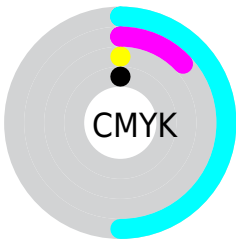
Distribution



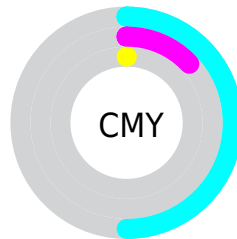
- Red (50%)
- Green (87%)
- Blue (100%)



- Red (50%)
- Yellow (71%)
- Blue (100%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.6560, 28.2706, -61.0883 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 197.6560, 28.2706, -61.0883 by changing the saturation by 10% instead.

197.6560, 28.2706,
-61.0883

197.6560, 28.2706,
-61.0883

255.0000, 0.0000,
0.0000

168.9440, 28.1286,
-62.2179

234.6680, 10.0237,
-41.8048

140.3350, 28.4288,
-65.1918

243.6380, 5.6015,
-23.3615

108.8500, 30.6400,
-74.4134

252.6080, 1.1793,
-4.9182

83.9210, 29.6189,
-73.5987

66.3960, 25.9338,
-58.2293

49.4580, 21.9592,
-43.3747

33.8080, 17.8427,

-29.6496

■ 20.0330, 13.2947,
-17.5689

■ 3.5510, 11.0674,
-3.1142

■ 197.6560, 28.2706,
-61.0883

■ 197.6560, 28.2706,
-61.0883

■ 186.0720, 33.9815,
-72.8541

■ 209.5390, 22.4123,
-48.7077

■ 174.7760, 39.5504,
-85.7496

■ 220.5360, 16.9908,
-36.4271

■ 162.8930, 45.4088,
-98.1302

■ 232.4190, 11.1324,
-24.0465

■ 151.3090, 51.1197,
-109.8960

■ 244.0030, 5.4215,
-12.2806

■ 140.0130, 56.6886, 255.0000, 0.0000,
-122.7914 0.0000

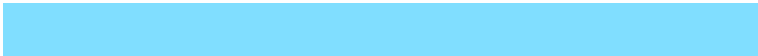
Harmonies

Analogous

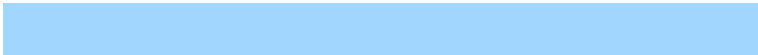
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195.0610, 17.2249, -64.9515



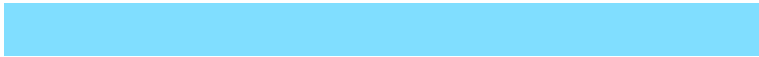
197.6560, 28.2706, -61.0883



203.4140, 25.4319, -37.1971

Triad

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



197.6560, 28.2706, -61.0883



212.1540, 3.3751, 37.5759



205.3660, -25.3234, 2.3100

Complementary

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



197.6560, 28.2706, -61.0883



185.3440, -28.2706, 61.0883

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.



208.7110, -28.4515, 25.6865



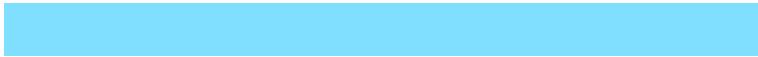
197.6560, 28.2706, -61.0883



208.7340, -9.7289, 40.5753

Square

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



197.6560, 28.2706, -61.0883



214.2690, 15.6434, 22.5661



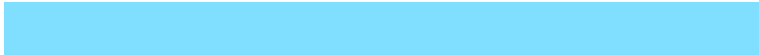
209.4060, -22.3852, 39.9859



201.9480, -14.7644, -24.5104

Rectangle

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



197.6560, 28.2706, -61.0883



207.6770, 23.3302, -16.3797



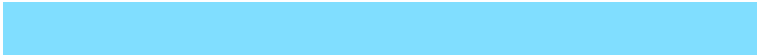
209.4060, -22.3852, 39.9859



206.6660, -26.9503, 10.8169

Sweetspot

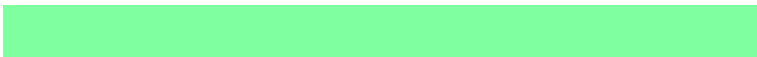
The Sweet Spot groups the original color and five complimentary colors.



197.6560, 28.2706, -61.0883



237.7680, 8.4954, -18.2135



206.1970, -22.7751, -68.5788



117.6010, 5.1267, -11.0511



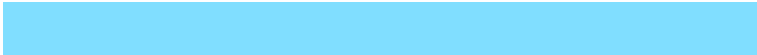
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



197.6560, 28.2706, -61.0883



185.7730, 34.1289, -73.4689



161.2620, 46.2128, -29.1708



121.7650, 3.0739, -5.9329



105.1280, 42.3349, -92.1973



34.8850, 14.3537, -30.5941

Inverse Universe

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



176.6890, 22.3383, 68.6787



160.6290, 26.8049, 82.7634



221.7380, -46.2128, 29.1708



119.9130, 2.0149, 7.0923



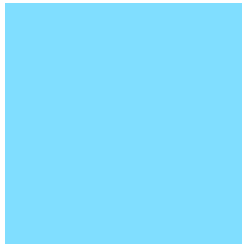
73.2970, 33.8706, 103.2255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 197.6560, 28.2706, -61.0883 looks on a white background.

Color Contrast Check

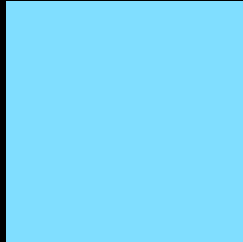
Large Text (above 18pt) WCAG AA × Fail

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 197.6560, 28.2706, -61.0883 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 197.6560, 28.2706, -61.0883 Background



This preview shows how black text looks on a background with the YUV color 197.6560, 28.2706, -61.0883.



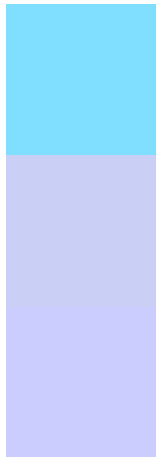
This preview shows how white text looks on a background with the YUV color 197.6560, 28.2706, -61.0883.

-61.0883.

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

197.6560, 28.2706, -61.0883

Protanopia

209.5380, 17.4828, -7.4878

Deuteranopia

210.1020, 22.1347, -6.2285



Tritanopia

196.1520, 22.6031, -63.2773

Trichromacy



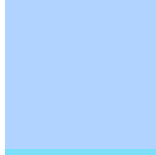
Original Color

197.6560, 28.2706, -61.0883



Protanomaly

204.8560, 21.7630, -27.0607



Deuteranomaly

205.5510, 24.3784, -25.9162



Tritanomaly

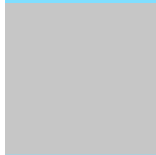
196.4340, 24.9290, -62.6476

Monochromacy



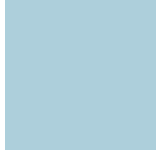
Original Color

197.6560, 28.2706, -61.0883



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.2020, 10.2534, -22.1022

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.6560, 28.2706, -61.0883 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(128, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 222, 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(128, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 222, 255) }
```

Border

The CSS property to change the border of an element to YUV 197.6560, 28.2706, -61.0883 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(128, 222, 255) }
```


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

```
.border{ border-color:rgb(128, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 222,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 197.6560, 28.2706, -61.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 222, 255) }
```

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

```
.background{ background-color: rgb(128,  
222, 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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