

Converting Colors

YUV(196.4270, 28.8765,
-68.7805)

Have a look what the booklet for
YUV(196.4270, 28.8765, -68.7805)
contains.

YUV(196.4270, 28.8765, -68.7805)	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(196.4270, 28.8765,
-68.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	76E1FF
RGB	118, 225, 255
RGB Percent	46%, 88%, 100%
CMY	0.5373, 0.1176, 0.0000
CMYK	0.54, 0.12, 0.00, 0.00
HSL	193°, 100%, 73%
HSV	193°, 54%, 100%
XYZ	52.4464, 64.9220, 104.3747
YIQ	196.4270, -73.4020, -13.3540

Conversions

Conversions Part 2

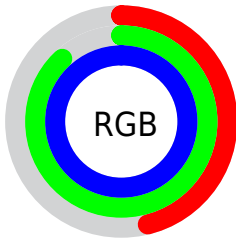
Format	Color
RYB	118, 178, 255
Decimal	7791103
CIELab	84.44, -22.84, -24.02
CIELCh	84, 33.147, 226.445
Yxy	64.9220, 0.2365, 0.2928
Android (android.graphics.Color)	4285981183 (0xFF76E1FF)
YUV	196.4270, 28.8765, -68.7805
Hunter-Lab	80.5742, -24.8176, -20.4016

Details

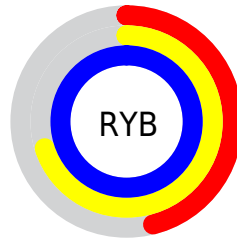
The YUV color **196.4270, 28.8765, -68.7805** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **176.5730, -28.8765, 68.7805**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.9770, 11.3503, -47.3378**, and **137.3120, 29.9192, -76.5726** is the 20% darker color. If you saturate the color by 10%, you get **185.4300, 34.2980, -81.0611**, and if you desaturate by 10%, it is **207.7230, 23.3076, -55.8851**.

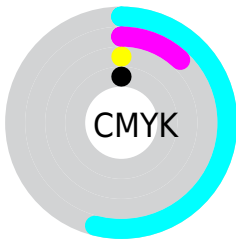
Distribution



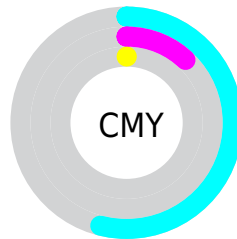
- Red (46%)
- Green (88%)
- Blue (100%)



- Red (46%)
- Yellow (70%)
- Blue (100%)



- Cyan (54%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4270, 28.8765, -68.7805 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 196.4270, 28.8765, -68.7805 by changing the saturation by 10% instead.

196.4270, 28.8765,
-68.7805

196.4270, 28.8765,
-68.7805

255.0000, 0.0000,
0.0000

167.1170, 29.0293,
-71.1396

231.9770, 11.3503,
-47.3378

137.3120, 29.9192,
-76.5726

241.2460, 6.7807,
-28.2797

103.4350, 33.3095,
-90.7125

250.2160, 2.3585,
-9.8364

85.0950, 29.0402,
-74.6283

67.5700, 25.3550,
-59.2589

50.6320, 21.3804,
-44.4043

34.9820, 17.2639,

-30.6792

■ 20.6200, 13.0053,
-18.0837

■ 3.6650, 11.5042,
-3.2142

■ 196.4270, 28.8765,
-68.7805

■ 196.4270, 28.8765,
-68.7805

■ 185.4300, 34.2980,
-81.0611

■ 207.7230, 23.3076,
-55.8851

■ 174.7210, 39.5775,
-94.4713

■ 218.1330, 18.1754,
-43.0896

■ 163.7240, 44.9991,
-106.7519

■ 229.4290, 12.6065,
-30.1942

■ 153.0150, 50.2786,
-120.1622

■ 239.8390, 7.4744,
-17.3988

■ 145.8830, 53.7947,
-127.9394

■ 251.1350, 1.9054,
-4.5034

255.0000, 0.0000,
0.0000

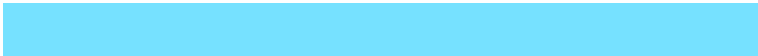
Harmonies

Analogous

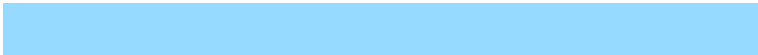
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



194.9960, 15.7780, -67.5255



196.4270, 28.8765, -68.7805



202.1850, 26.0378, -44.8892

Triad

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



196.4270, 28.8765, -68.7805



212.9520, 6.4327, 36.8761



207.0030, -28.1025, 7.0134

Complementary

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



196.4270, 28.8765, -68.7805



176.5730, -28.8765, 68.7805

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.



210.4020, -29.7782, 31.2194



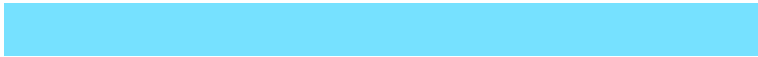
196.4270, 28.8765, -68.7805



208.7170, -7.2555, 40.5902

Square

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



196.4270, 28.8765, -68.7805



215.1590, 19.1486, 18.2776



209.1610, -20.7854, 40.2008



203.1720, -17.8328, -20.3218

Rectangle

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



196.4270, 28.8765, -68.7805



207.0460, 23.6413, -22.8423



209.1610, -20.7854, 40.2008



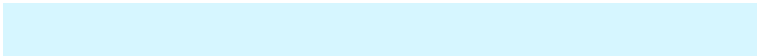
208.3030, -29.7294, 15.5203

Sweetspot

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



196.4270, 28.8765, -68.7805



237.4580, 8.6482, -20.5727



201.8390, -26.5426, -73.5268



117.0030, 5.4215, -12.2806



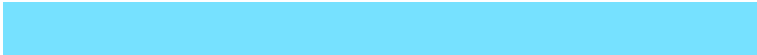
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



196.4270, 28.8765, -68.7805



185.1310, 34.4454, -81.6759



156.5110, 48.5551, -33.7741



122.3520, 2.7845, -6.4477



109.2370, 40.3092, -95.8008



36.6460, 13.4855, -32.1385

Inverse Universe

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



171.1610, 26.5426, 73.5268



155.2150, 31.4460, 87.5114



216.4890, -48.5551, 33.7741



120.0270, 2.4517, 6.9923



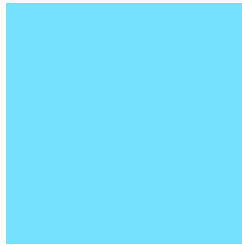
74.0950, 36.9282, 102.5257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 196.4270, 28.8765, -68.7805 looks on a white background.

Color Contrast Check

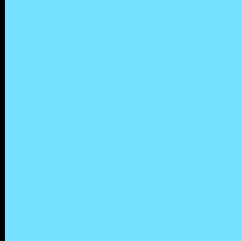
Large Text (above 18pt) WCAG AA × Fail

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 196.4270, 28.8765, -68.7805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

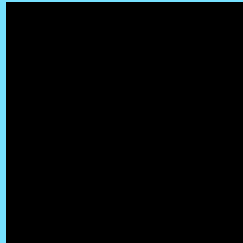
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.4270, 28.8765, -68.7805

Background



This preview shows how black text looks on a background with the YUV color 196.4270, 28.8765, -68.7805.



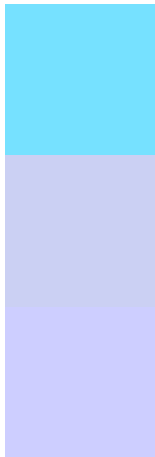
This preview shows how white text looks on a background with the YUV color 196.4270, 28.8765, -68.7805.

-68.7805.

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

196.4270, 28.8765, -68.7805

Protanopia

210.4950, 16.0250, -6.5731

Deuteranopia

211.2870, 21.5505, -5.5137



Tritanopia

195.2650, 24.5194, -71.2694

Trichromacy



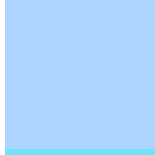
Original Color

196.4270, 28.8765, -68.7805



Protanomaly

205.2040, 20.6054, -29.1199



Deuteranomaly

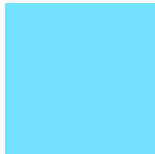
205.8280, 24.2418, -28.7902



Tritanomaly

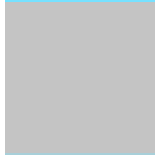
195.4330, 26.4085, -70.5397

Monochromacy



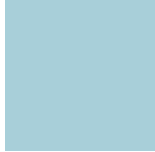
Original Color

196.4270, 28.8765, -68.7805



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.4790, 10.1169, -24.9761

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4270, 28.8765, -68.7805 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(118, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 225, 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(118, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 225, 255) }
```

Border

The CSS property to change the border of an element to YUV 196.4270, 28.8765, -68.7805 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

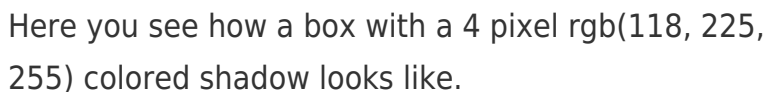
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 225, 255) }
```


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

```
.border{ border-color:rgb(118, 225, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 225,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 196.4270, 28.8765, -68.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 225, 255) }
```

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

```
.background{ background-color: rgb(118,  
225, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor