

Converting Colors

YUV(176.8360, 28.6749,
-50.7222)

Have a look what the booklet for
YUV(176.8360, 28.6749, -50.7222)
contains.

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Color

**YUV(176.8360, 28.6749,
-50.7222)**

Conversions

Conversions Part 1

Format	Color
Hex	77C3EB
RGB	119, 195, 235
RGB Percent	47%, 76%, 92%
CMY	0.5333, 0.2353, 0.0784
CMYK	0.49, 0.17, 0.00, 0.08
HSL	201°, 74%, 69%
HSV	201°, 49%, 92%
XYZ	42.1183, 48.9503, 85.8257
YIQ	176.8360, -58.1360, -3.6720

Conversions

Conversions Part 2

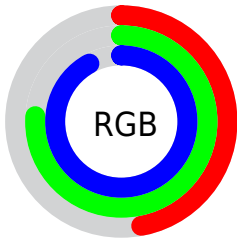
Format	Color
R _Y B	119, 165, 235
Decimal	7848939
CIE Lab	75.42, -12.86, -27.13
CIE LCh	75, 30.021, 244.639
Yxy	48.9503, 0.2381, 0.2767
Android (android.graphics.Color)	4286039019 (0xFF77C3EB)
YUV	176.8360, 28.6749, -50.7222
Hunter-Lab	69.9645, -14.9818, -23.7561

Details

The YUV color **176.8360, 28.6749, -50.7222** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **177.1640, -28.6749, 50.7222**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.9170, 12.3659, -46.4082**, and **120.8140, 28.6857, -54.2109** is the 20% darker color. If you saturate the color by 10%, you get **165.2630, 34.3803, -60.7437**, and if you desaturate by 10%, it is **188.7080, 22.8220, -40.0859**.

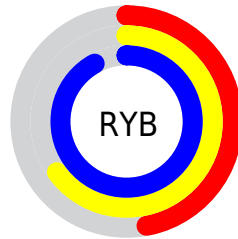
Distribution



Red (47%)

Green (76%)

Blue (92%)



Red (47%)

Yellow (65%)

Blue (92%)

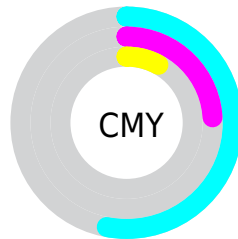


Cyan (49%)

Magenta (17%)

Yellow (0%)

Black (8%)



Cyan (53%)

Magenta (24%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8360, 28.6749, -50.7222 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 176.8360, 28.6749, -50.7222 by changing the saturation by 10% instead.

■ 176.8360, 28.6749,
-50.7222

■ 176.8360, 28.6749,
-50.7222

■ 255.0000, 0.0000,
0.0000

■ 149.1240, 28.5329,
-51.8517

■ 229.9170, 12.3659,
-46.4082

■ 120.8140, 28.6857,
-54.2109

■ 240.3490, 7.2229,
-30.1241

■ 90.8020, 30.1706,
-63.8474

■ 249.3190, 2.8007,
-11.6808

■ 67.7810, 28.7020,
-59.4439

■ 51.4300, 24.4380,
-45.1041

■ 35.1930, 20.6109,
-30.8643

■ 21.4180, 16.0629,

-18.7836

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 176.8360, 28.6749,
-50.7222

■ 176.8360, 28.6749,
-50.7222

■ 165.2630, 34.3803,
-60.7437

■ 188.7080, 22.8220,
-40.0859

■ 153.3910, 40.2332,
-71.3799

■ 200.2810, 17.1165,
-30.0644

■ 141.8180, 45.9387,
-81.4014

■ 211.8540, 11.4110,
-20.0430

■ 129.9460, 51.7916,
-92.0376

■ 223.7260, 5.5581,
-9.4067

■ 117.7860, 57.7865,
-101.5443

■ 235.8860, -0.4368,
0.1000

■ 117.1880, 58.0813,
-102.7739

■ 246.2630, -5.5527,
7.6623

■ 250.9590, -7.8678,
3.5440

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



171.9240, 21.7295, -63.0773



176.8360, 28.6749, -50.7222



184.1860, 28.0093, -23.8421

Triad

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



176.8360, 28.6749, -50.7222



189.3630, -3.6300, 44.4086



180.9670, -20.1967, -8.7411

Complementary

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



176.8360, 28.6749, -50.7222



177.1640, -28.6749, 50.7222

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.



183.6280, -25.9456, 15.2352



176.8360, 28.6749, -50.7222



188.1600, -15.8549, 45.4637

Square

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



176.8360, 28.6749, -50.7222



190.4180, 9.6539, 30.3284



186.5040, -24.4055, 34.6380



176.7280, -7.7539, -33.0875

Rectangle

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



176.8360, 28.6749, -50.7222



187.2810, 24.0185, -3.7544



186.5040, -24.4055, 34.6380



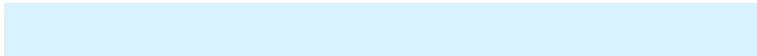
181.9250, -23.1340, 0.0658

Sweetspot

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



176.8360, 28.6749, -50.7222



236.0070, 9.3635, -16.6691



191.5380, -16.5342, -63.6158



116.4270, 5.7055, -10.0215



0.0000, 0.0000, 0.0000



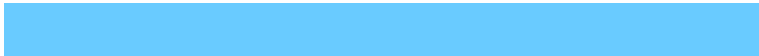
128.0000, 0.0000, 0.0000

Same Dimension

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



176.8360, 28.6749, -50.7222



179.6260, 37.1594, -65.4470



143.3770, 45.1701, -21.3786



111.3630, 2.7790, -4.7034



90.4870, 44.6229, -79.3571



26.7010, 13.4584, -23.4168

Inverse Universe

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



162.3480, 16.0974, 63.7158



161.0220, 20.6952, 82.4187



210.6230, -45.1701, 21.3786



110.0870, 1.4361, 6.0627



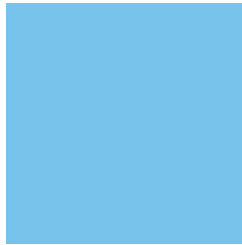
67.6850, 25.2983, 99.3773



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 176.8360, 28.6749, -50.7222 looks on a white background.

Color Contrast Check

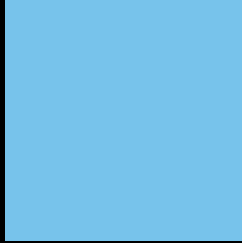
Large Text (above 18pt) WCAG AA × Fail

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 176.8360, 28.6749, -50.7222 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

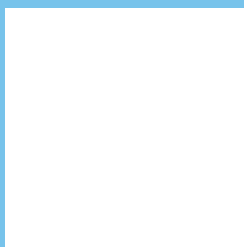
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.8360, 28.6749, -50.7222

Background



This preview shows how black text looks on a background with the YUV color 176.8360, 28.6749, -50.7222.



This preview shows how white text looks on a background with the YUV color 176.8360, 28.6749, -50.7222.

-50.7222.

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

176.8360, 28.6749, -50.7222

Protanopia

185.6240, 20.3984, -9.3172

Deuteranopia

186.2910, 25.4925, -9.9022



Tritanopia

174.8110, 19.8132, -55.0852

Trichromacy



Original Color

176.8360, 28.6749, -50.7222

Protanomaly

182.3340, 23.4993, -23.9719

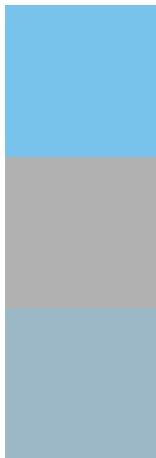
Deuteranomaly

183.1320, 26.5569, -24.6718

Tritanomaly

175.9190, 22.7179, -53.4260

Monochromacy



Original Color

176.8360, 28.6749, -50.7222

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.2240, 10.2426, -18.6134

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8360, 28.6749, -50.7222 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(119, 195, 235)` looks like.

```
.text, #text, p{  
    color:rgb(119, 195, 235)  
}
```

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(119, 195, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 195, 235) }
```

Border

The CSS property to change the border of an element to YUV 176.8360, 28.6749, -50.7222 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(119, 195, 235) }
```


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

```
.border{ border-color:rgb(119, 195, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 195, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 195, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 195, 235);  
box-shadow:4px 4px 4px 4px rgb(119, 195,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 176.8360, 28.6749, -50.7222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 195, 235) }
```

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

```
.background{ background-color: rgb(119,  
195, 235) }
```

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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