

Converting Colors

YUV(162.7480, 28.7182,
-64.6770)

Have a look what the booklet for
YUV(162.7480, 28.7182, -64.6770)
contains.

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Color

**YUV(162.7480, 28.7182,
-64.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	59BDDD
RGB	89, 189, 221
RGB Percent	35%, 74%, 87%
CMY	0.6510, 0.2588, 0.1333
CMYK	0.60, 0.14, 0.00, 0.13
HSL	195°, 66%, 61%
HSV	195°, 60%, 87%
XYZ	35.3686, 43.7395, 74.9851
YIQ	162.7480, -69.8720, -11.2480

Conversions

Conversions Part 2

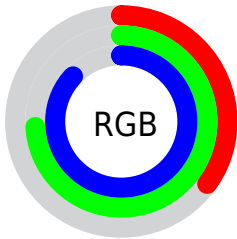
Format	Color
RYB	89, 146, 221
Decimal	5881309
CIELab	72.05, -19.91, -24.80
CIElCh	72, 31.802, 231.246
Yxy	43.7395, 0.2295, 0.2839
Android (android.graphics.Color)	4284071389 (0xFF59BDDD)
YUV	162.7480, 28.7182, -64.6770
Hunter-Lab	66.1358, -20.2783, -20.9281

Details

The YUV color **162.7480, 28.7182, -64.6770** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **147.2520, -28.7182, 64.6770**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.7350, 18.3716, -59.4036**, and **98.7560, 33.1513, -86.6090** is the 20% darker color. If you saturate the color by 10%, you get **153.2350, 33.4081, -75.6281**, and if you desaturate by 10%, it is **172.2610, 24.0283, -53.7259**.

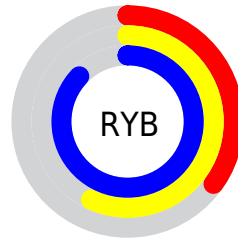
Distribution



Red (35%)

Green (74%)

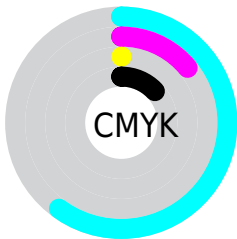
Blue (87%)



Red (35%)

Yellow (57%)

Blue (87%)

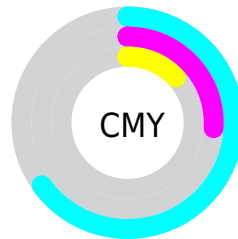


Cyan (60%)

Magenta (14%)

Yellow (0%)

Black (13%)



Cyan (65%)

Magenta (26%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.7480, 28.7182, -64.6770 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 162.7480, 28.7182, -64.6770 by changing the saturation by 10% instead.

162.7480, 28.7182,
-64.6770

162.7480, 28.7182,
-64.6770

255.0000, 0.0000,
0.0000

133.5410, 29.3133,
-68.8805

217.7350, 18.3716,
-59.4036

98.7560, 33.1513,
-86.6090

232.2760, 11.2029,
-46.7231

80.4160, 28.8819,
-70.5248

241.2460, 6.7807,
-28.2797

63.4780, 24.9073,
-55.6702

250.2160, 2.3585,
-9.8364

46.5400, 20.9328,
-40.8156

31.0040, 17.2530,
-27.1905

14.4080, 14.5889,

-12.6358

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 162.7480, 28.7182,
-64.6770

■ 162.7480, 28.7182,
-64.6770

■ 153.2350, 33.4081,
-75.6281

■ 172.2610, 24.0283,
-53.7259

■ 143.1350, 38.3874,
-86.0644

■ 182.3610, 19.0490,
-43.2896

■ 133.6220, 43.0774,
-97.0155

■ 191.8740, 14.3591,
-32.3385

■ 124.1090, 47.7673,
-107.9666

■ 201.3870, 9.6692,
-21.3874

■ 123.2230, 48.2041,
-108.0666

■ 211.7860, 4.5425,
-10.3363

■ 221.2990, -0.1474,
0.6148

■ 231.3990, -5.1267,
11.0511

■ 237.6230, -8.1951,
15.2396

■ 240.5580, -9.6421,
12.6656

Harmonies

Analogous

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



159.9790, 18.2514, -67.5106



162.7480, 28.7182, -64.6770



170.7710, 30.6789, -40.1412

Triad

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



162.7480, 28.7182, -64.6770



180.9480, 2.4906, 41.2646



172.7790, -25.0340, 2.8248

Complementary

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



162.7480, 28.7182, -64.6770



147.2520, -28.7182, 64.6770

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.



175.8250, -28.0147, 25.5865



162.7480, 28.7182, -64.6770



179.7350, -11.2084, 48.4674

Square

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



162.7480, 28.7182, -64.6770



180.6710, 15.9382, 21.3365



177.7160, -22.5380, 42.3451



168.6600, -14.6224, -23.3808

Rectangle

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



162.7480, 28.7182, -64.6770



176.2190, 27.9930, -18.6091



177.7160, -22.5380, 42.3451



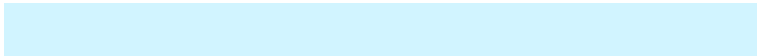
173.6660, -26.9503, 10.8169

Sweetspot

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



162.7480, 28.7182, -64.6770



234.7890, 9.9640, -22.6170



170.0180, -24.6589, -71.0528



115.2200, 6.3005, -14.2249



0.0000, 0.0000, 0.0000



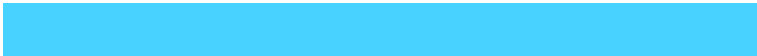
128.0000, 0.0000, 0.0000

Same Dimension

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



162.7480, 28.7182, -64.6770



173.5690, 40.1455, -89.9530



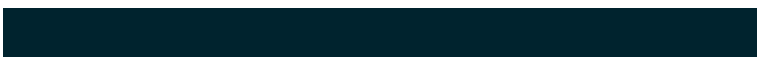
124.5930, 47.5287, -31.2151



104.9500, 2.4896, -5.2182



96.6190, 37.6558, -84.7349



25.7890, 9.9640, -22.6170

Inverse Universe

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



139.8680, 24.2221, 71.1528



141.8620, 33.5920, 99.2220



185.4070, -47.5287, 31.2151



103.2010, 1.8729, 5.9627



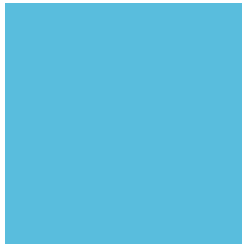
66.6610, 31.7191, 93.2593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 162.7480, 28.7182, -64.6770 looks on a white background.

Color Contrast Check

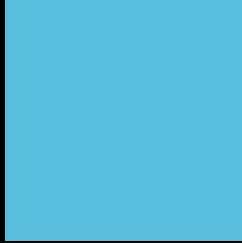
Large Text (above 18pt) WCAG AA × Fail

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 162.7480, 28.7182, -64.6770 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 162.7480, 28.7182, -64.6770

Background



This preview shows how black text looks on a background with the YUV color 162.7480, 28.7182, -64.6770.



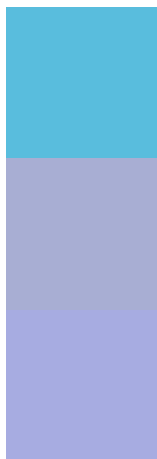
This preview shows how white text looks on a background with the YUV color 162.7480, 28.7182, -64.6770.

-64.6770.

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

162.7480, 28.7182, -64.6770

Protanopia

176.4240, 17.0460, -7.3878

Deuteranopia

176.5470, 23.8873, -8.3727



Tritanopia

160.5320, 22.9087, -67.9956

Trichromacy



Original Color

162.7480, 28.7182, -64.6770

Protanomaly

171.1440, 21.6210, -28.1903

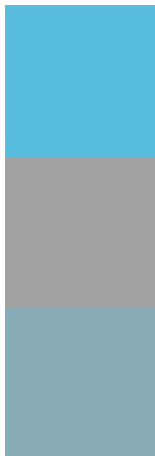
Deuteranomaly

171.5830, 25.8416, -28.5753

Tritanomaly

161.1130, 25.0873, -66.7511

Monochromacy



Original Color

162.7480, 28.7182, -64.6770

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.6040, 10.5482, -23.3317

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.7480, 28.7182, -64.6770 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(89, 189, 221)` looks like.

```
.text, #text, p{  
    color:rgb(89, 189, 221)  
}
```

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(89, 189, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 189, 221) }
```

Border

The CSS property to change the border of an element to YUV 162.7480, 28.7182, -64.6770 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(89, 189, 221) }
```


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

```
.border{ border-color:rgb(89, 189, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 189, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 189, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 189, 221);  
box-shadow:4px 4px 4px 4px rgb(89, 189,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 162.7480, 28.7182, -64.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 189, 221) }
```

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

```
.background{ background-color: rgb(89, 189,  
221) }
```

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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