

Converting Colors

YUV(175.4490, 28.8656,
-65.2918)

Have a look what the booklet for
YUV(175.4490, 28.8656, -65.2918)
contains.

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Color

**YUV(175.4490, 28.8656,
-65.2918)**

Conversions

Conversions Part 1

Format	Color
Hex	65CAEA
RGB	101, 202, 234
RGB Percent	40%, 79%, 92%
CMY	0.6039, 0.2078, 0.0824
CMYK	0.57, 0.14, 0.00, 0.08
HSL	194°, 76%, 66%
HSV	194°, 57%, 92%
XYZ	41.3386, 50.9483, 85.4971
YIQ	175.4490, -70.4680, -11.4600

Conversions

Conversions Part 2

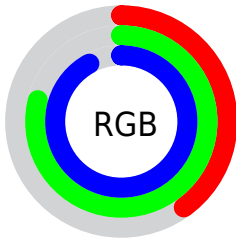
Format	Color
RYB	101, 158, 234
Decimal	6671082
CIELab	76.65, -20.51, -24.78
CIELCh	77, 32.167, 230.374
Yxy	50.9483, 0.2325, 0.2866
Android (android.graphics.Color)	4284861162 (0xFF65CAEA)
YUV	175.4490, 28.8656, -65.2918
Hunter-Lab	71.3781, -21.5332, -21.0533

Details

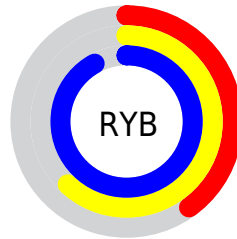
The YUV color **175.4490, 28.8656, -65.2918** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **159.5510, -28.8656, 65.2918**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8940, 13.8563, -57.7890**, and **115.2410, 30.9402, -77.3874** is the 20% darker color. If you saturate the color by 10%, you get **165.0500, 33.9923, -76.3429**, and if you desaturate by 10%, it is **185.8480, 23.7389, -54.2407**.

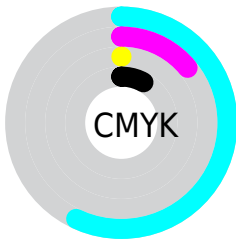
Distribution



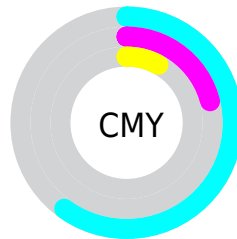
- Red (40%)
- Green (79%)
- Blue (92%)



- Red (40%)
- Yellow (62%)
- Blue (92%)



- Cyan (57%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (60%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.4490, 28.8656, -65.2918 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 175.4490, 28.8656, -65.2918 by changing the saturation by 10% instead.

■ 175.4490, 28.8656,
-65.2918

■ 175.4490, 28.8656,
-65.2918

■ 255.0000, 0.0000,
0.0000

■ 146.8400, 29.1659,
-68.2657

■ 226.8940, 13.8563,
-57.7890

■ 115.2410, 30.9402,
-77.3874

■ 235.8640, 9.4340,
-39.3457

■ 88.8280, 30.6508,
-77.9022

■ 244.8340, 5.0118,
-20.9024

■ 71.1890, 26.5288,
-62.4328

■ 253.8040, 0.5896,
-2.4591

■ 54.2510, 22.5543,
-47.5781

■ 38.0140, 18.7271,
-33.3383

■ 24.2390, 14.1792,

-21.2576

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 175.4490, 28.8656,
-65.2918

■ 175.4490, 28.8656,
-65.2918

■ 165.0500, 33.9923,
-76.3429

■ 185.8480, 23.7389,
-54.2407

■ 154.9390, 38.9771,
-88.5235

■ 195.9590, 18.7542,
-42.0600

■ 144.5400, 44.1038,
-99.5746

■ 206.3580, 13.6275,
-31.0090

■ 133.8420, 49.3779,
-111.2404

■ 217.0560, 8.3534,
-19.3431

■ 131.1620, 50.6991,
-115.0291

■ 226.8680, 3.5161,
-7.7772

■ 237.2670, -1.6106,
3.2738

■ 244.3880, -5.1213,
9.3067

■ 247.9100, -6.8576,
6.2179

■ 251.4320, -8.5940,
3.1291

Harmonies

Analogous

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



172.8650, 17.8146, -67.4106



175.4490, 28.8656, -65.2918



183.2870, 31.4105, -41.4707

Triad

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



175.4490, 28.8656, -65.2918



193.7740, 3.0694, 42.2942



185.5510, -25.9076, 3.0248

Complementary

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



175.4490, 28.8656, -65.2918



159.5510, -28.8656, 65.2918

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.



188.4230, -28.3095, 26.8160



175.4490, 28.8656, -65.2918



192.4470, -11.0664, 49.5970

Square

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



175.4490, 28.8656, -65.2918



193.7850, 16.3750, 21.2366



190.4280, -22.3960, 43.4746



181.4320, -15.4960, -23.1809

Rectangle

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



175.4490, 28.8656, -65.2918



188.1480, 29.0140, -19.4238



190.4280, -22.3960, 43.4746



186.7370, -27.9713, 11.6317

Sweetspot

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



175.4490, 28.8656, -65.2918



236.2730, 9.2324, -21.2874



182.6050, -24.9483, -71.5676



116.1170, 5.8583, -12.3806



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.



175.4490, 28.8656, -65.2918



178.6190, 37.6558, -84.7349



136.7070, 47.9654, -31.3150



111.9500, 2.4897, -5.2181



101.0530, 39.4139, -88.6235



30.2230, 11.7221, -26.5056

Inverse Universe

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



152.2810, 24.5115, 71.6676



148.6610, 31.7191, 93.2593



198.2930, -47.9654, 31.3150



110.2010, 1.8729, 5.9627



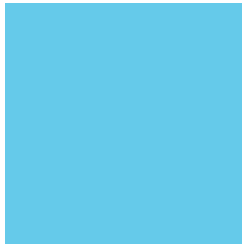
69.7370, 33.1607, 97.5777



20.8200, 9.9487, 29.0989

Previews

White Background



This preview shows how the YUV color 175.4490, 28.8656, -65.2918 looks on a white background.

Color Contrast Check

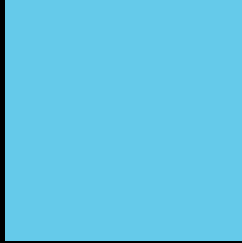
Large Text (above 18pt) WCAG AA × Fail

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 175.4490, 28.8656, -65.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

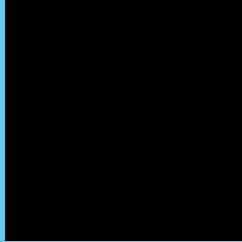
Any Text WCAG AA ✓ Pass

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 175.4490, 28.8656, -65.2918 Background



This preview shows how black text looks on a background with the YUV color 175.4490, 28.8656, -65.2918.



This preview shows how white text looks on a background with the YUV color 175.4490, 28.8656, -65.2918.

-65.2918.

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

175.4490, 28.8656, -65.2918

Protanopia

188.4240, 17.0460, -7.3878

Deuteranopia

188.9600, 24.1767, -7.8579



Tritanopia

173.6460, 23.3455, -68.0955

Trichromacy



Original Color

175.4490, 28.8656, -65.2918

Protanomaly

183.7310, 21.3316, -28.7051

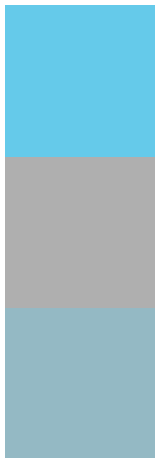
Deuteranomaly

184.2840, 25.9890, -29.1901

Tritanomaly

174.2270, 25.5241, -66.8511

Monochromacy



Original Color

175.4490, 28.8656, -65.2918

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.1910, 10.2588, -23.8465

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.4490, 28.8656, -65.2918 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(101, 202, 234)` looks like.

```
.text, #text, p{  
    color:rgb(101, 202, 234)  
}
```

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(101, 202, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 202, 234) }
```

Border

The CSS property to change the border of an element to YUV 175.4490, 28.8656, -65.2918 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(101, 202, 234) }
```


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

```
.border{ border-color:rgb(101, 202, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 202, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 202, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 202, 234);  
box-shadow:4px 4px 4px 4px rgb(101, 202,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 175.4490, 28.8656, -65.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 202, 234) }
```

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

```
.background{ background-color: rgb(101,  
202, 234) }
```

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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