

Converting Colors

YUV(162.4770, 26.3868,
-63.5623)

Have a look what the booklet for
YUV(162.4770, 26.3868, -63.5623)
contains.

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Color

**YUV(162.4770, 26.3868,
-63.5623)**

Conversions

Conversions Part 1

Format	Color
Hex	5ABDD8
RGB	90, 189, 216
RGB Percent	35%, 74%, 85%
CMY	0.6471, 0.2588, 0.1529
CMYK	0.58, 0.12, 0.00, 0.15
HSL	193°, 62%, 60%
HSV	193°, 58%, 85%
XYZ	34.8087, 43.5267, 71.5326
YIQ	162.4770, -67.6710, -12.5910

Conversions

Conversions Part 2

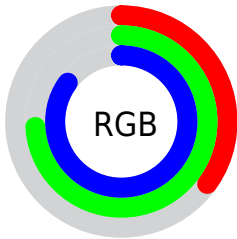
Format	Color
RYB	90, 145, 216
Decimal	5946840
CIELab	71.91, -21.20, -22.29
CIELCh	72, 30.764, 226.443
Yxy	43.5267, 0.2323, 0.2904
Android (android.graphics.Color)	4284136920 (0xFF5ABDD8)
YUV	162.4770, 26.3868, -63.5623
Hunter-Lab	65.9748, -21.2781, -18.1024

Details

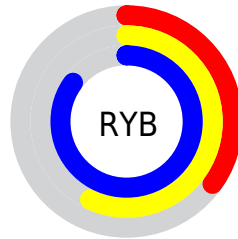
The YUV color **162.4770, 26.3868, -63.5623** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **143.5230, -26.3868, 63.5623**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.7350, 18.3716, -59.4036**, and **98.4960, 30.8145, -83.7500** is the 20% darker color. If you saturate the color by 10%, you get **152.9640, 31.0767, -74.5134**, and if you desaturate by 10%, it is **171.9900, 21.6969, -52.6112**.

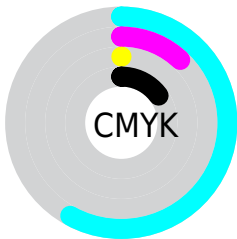
Distribution



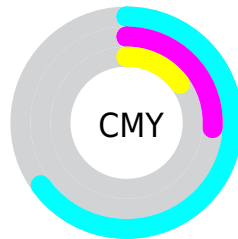
- Red (35%)
- Green (74%)
- Blue (85%)



- Red (35%)
- Yellow (57%)
- Blue (85%)



- Cyan (58%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.4770, 26.3868, -63.5623 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 162.4770, 26.3868, -63.5623 by changing the saturation by 10% instead.

■ 162.4770, 26.3868,
-63.5623

■ 162.4770, 26.3868,
-63.5623

■ 255.0000, 0.0000,
0.0000

■ 133.5690, 26.8345,
-67.1510

■ 217.7350, 18.3716,
-59.4036

■ 98.4960, 30.8145,
-83.7500

■ 232.2760, 11.2029,
-46.7231

■ 79.9600, 27.1347,
-70.1249

■ 241.2460, 6.7807,
-28.2797

■ 62.3210, 23.0127,
-54.6555

■ 250.2160, 2.3585,
-9.8364

■ 46.0840, 19.1856,
-40.4157

■ 30.5480, 15.5058,
-26.7906

■ 13.3650, 13.1311,

-11.7211

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 162.4770, 26.3868,
-63.5623

■ 162.4770, 26.3868,
-63.5623

■ 152.9640, 31.0767,
-74.5134

■ 171.9900, 21.6969,
-52.6112

■ 144.3370, 35.3299,
-85.3645

■ 180.6170, 17.4438,
-41.7601

■ 134.8240, 40.0198,
-96.3156

■ 190.1300, 12.7539,
-30.8090

■ 125.6100, 44.5623,
-106.6520

■ 199.3440, 8.2114,
-20.4727

■ 124.4140, 45.1519,
-109.1111

■ 208.2700, 3.8109,
-9.0068

■ 217.7830, -0.8790,
1.9443

■ 226.4100, -5.1321,
12.7954

■ 233.5310, -8.6428,
18.8283

■ 236.4660,
-10.0897, 16.2543

Harmonies

Analogous

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



161.3880, 14.5987, -62.6073



162.4770, 26.3868, -63.5623



169.8200, 29.6687, -42.8151

Triad

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



162.4770, 26.3868, -63.5623



180.7950, 4.5381, 37.8908



172.8010, -25.0449, 6.3135

Complementary

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



162.4770, 26.3868, -63.5623



143.5230, -26.3868, 63.5623

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.



175.8900, -26.5678, 28.1605



162.4770, 26.3868, -63.5623



179.7070, -8.7296, 46.7380

Square

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



162.4770, 26.3868, -63.5623



180.2790, 17.1175, 16.4183



177.6990, -20.0646, 42.3600



169.6390, -16.0910, -18.9774

Rectangle

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



162.4770, 26.3868, -63.5623



174.8980, 28.1513, -22.7125



177.6990, -20.0646, 42.3600



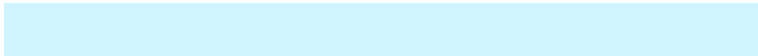
173.8020, -26.5244, 14.2056

Sweetspot

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



162.4770, 26.3868, -63.5623



235.3760, 9.6746, -23.1318



166.8120, -25.5433, -67.3641



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.



162.4770, 26.3868, -63.5623



179.4720, 37.2353, -89.8679



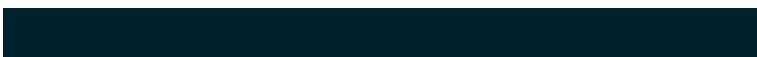
126.6700, 44.0397, -32.1596



102.5370, 2.2003, -5.7329



98.1520, 35.9141, -86.0793



24.8600, 8.9430, -21.8022

Inverse Universe

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



138.9600, 24.6697, 67.5641



146.1820, 34.9133, 95.4334



179.3300, -44.0397, 32.1596



100.3150, 2.3097, 5.8627



66.4050, 33.3243, 91.7298



16.7330, 8.5126, 23.0362

Previews

White Background



This preview shows how the YUV color 162.4770, 26.3868, -63.5623 looks on a white background.

Color Contrast Check

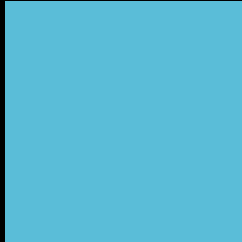
Large Text (above 18pt) WCAG AA × Fail

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 162.4770, 26.3868, -63.5623 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 162.4770, 26.3868, -63.5623

Background



This preview shows how black text looks on a background with the YUV color 162.4770, 26.3868, -63.5623.



This preview shows how white text looks on a background with the YUV color 162.4770, 26.3868, -63.5623.

-63.5623.

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

162.4770, 26.3868, -63.5623

Protanopia

176.1530, 14.7146, -6.2732

Deuteranopia

176.5750, 21.4085, -6.6433



Tritanopia

161.3150, 22.0297, -66.0513

Trichromacy



Original Color

162.4770, 26.3868, -63.5623

Protanomaly

170.8730, 19.2896, -27.0756

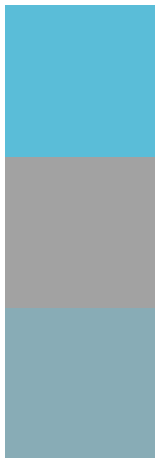
Deuteranomaly

171.3120, 23.5102, -27.4606

Tritanomaly

161.4830, 23.9189, -65.3216

Monochromacy



Original Color

162.4770, 26.3868, -63.5623

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.3760, 9.6746, -23.1318

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4770, 26.3868, -63.5623 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(90, 189, 216)` looks like.

```
.text, #text, p{  
    color:rgb(90, 189, 216)  
}
```

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(90, 189, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 189, 216) }
```

Border

The CSS property to change the border of an element to YUV 162.4770, 26.3868, -63.5623 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(90, 189, 216) }
```


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

```
.border{ border-color:rgb(90, 189, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 189, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 189, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 189, 216);  
box-shadow:4px 4px 4px 4px rgb(90, 189,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 162.4770, 26.3868, -63.5623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 189, 216) }
```

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

```
.background{ background-color: rgb(90, 189,  
216) }
```

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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