

Converting Colors

YUV(162.3310, 24.4868,
-60.8033)

Have a look what the booklet for
YUV(162.3310, 24.4868, -60.8033)
contains.

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Color

**YUV(162.3310, 24.4868,
-60.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	5DBC4
RGB	93, 188, 212
RGB Percent	36%, 74%, 83%
CMY	0.6353, 0.2627, 0.1686
CMYK	0.56, 0.11, 0.00, 0.17
HSL	192°, 58%, 60%
HSV	192°, 56%, 83%
XYZ	34.3811, 43.0471, 68.7842
YIQ	162.3310, -64.3240, -12.6760

Conversions

Conversions Part 2

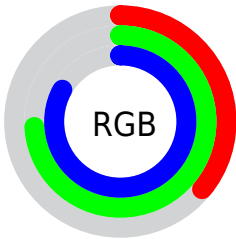
Format	Color
R_{YB}	93, 146, 212
Decimal	6143188
CIE _{Lab}	71.59, -21.27, -20.60
CIE _{LCh}	72, 29.610, 224.076
Yxy	43.0471, 0.2351, 0.2944
Android (android.graphics.Color)	4284333268 (0xFF5DBCD4)
YUV	162.3310, 24.4868, -60.8033
Hunter-Lab	65.6103, -21.2804, -16.2310

Details

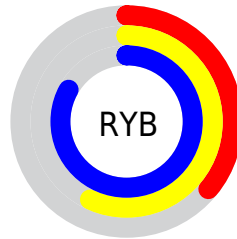
The YUV color **162.3310, 24.4868, -60.8033** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **142.6690, -24.4868, 60.8033**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.7460, 18.3662, -57.6592**, and **102.5250, 26.8562, -74.1284** is the 20% darker color. If you saturate the color by 10%, you get **153.7040, 28.7399, -71.6544**, and if you desaturate by 10%, it is **170.9580, 20.2337, -49.9522**.

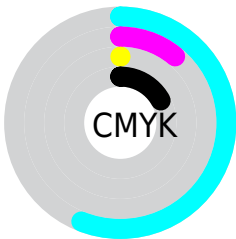
Distribution



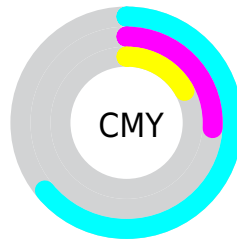
- Red (36%)
- Green (74%)
- Blue (83%)



- Red (36%)
- Yellow (57%)
- Blue (83%)



- Cyan (56%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (64%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.3310, 24.4868, -60.8033 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 162.3310, 24.4868, -60.8033 by changing the saturation by 10% instead.

■ 162.3310, 24.4868,
-60.8033

■ 162.3310, 24.4868,
-60.8033

255.0000, 0.0000,
0.0000

■ 133.7220, 24.7871,
-63.7772

■ 217.7460, 18.3662,
-57.6592

■ 102.5250, 26.8562,
-74.1284

■ 232.8740, 10.9081,
-45.4935

■ 78.9170, 25.6769,
-69.2102

■ 241.8440, 6.4859,
-27.0502

■ 61.9790, 21.7024,
-54.3556

■ 250.8140, 2.0637,
-8.6069

■ 45.1550, 18.1646,
-39.6009

■ 29.6190, 14.4848,
-25.9759

■ 11.8490, 12.3994,

-10.3916

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 162.3310, 24.4868,
-60.8033

■ 162.3310, 24.4868,
-60.8033

■ 153.7040, 28.7399,
-71.6544

■ 170.9580, 20.2337,
-49.9522

■ 144.4900, 33.2824,
-81.9907

■ 180.1720, 15.6912,
-39.6158

■ 135.5640, 37.6829,
-93.4566

■ 189.0980, 11.2907,
-28.1499

■ 126.9370, 41.9361,
-104.3077

■ 197.7250, 7.0376,
-17.2988

■ 123.3710, 43.6941,
-108.1964

■ 206.3520, 2.7845,
-6.4477

■ 215.5660, -1.7580,
3.8886

■ 224.1930, -6.0111,
14.7397

■ 230.7270, -9.2324,
21.2874

■ 233.0750,
-10.3900, 19.2282

Harmonies

Analogous

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



161.2530, 12.6933, -58.1039



162.3310, 24.4868, -60.8033



168.5920, 28.7951, -42.6152

Triad

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



162.3310, 24.4868, -60.8033



179.7130, 5.5645, 35.3317



172.9260, -24.6135, 7.9579

Complementary

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



162.3310, 24.4868, -60.8033



142.6690, -24.4868, 60.8033

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.



175.2320, -25.2574, 27.8605



162.3310, 24.4868, -60.8033



178.9240, -7.8505, 44.7937

Square

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



162.3310, 24.4868, -60.8033



178.9690, 17.2703, 14.0592



177.0410, -18.7542, 42.0600



169.2480, -16.3913, -16.0035

Rectangle

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



162.3310, 24.4868, -60.8033



173.6590, 27.2831, -24.2569



177.0410, -18.7542, 42.0600



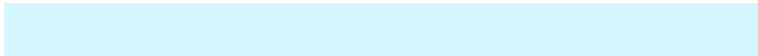
173.6280, -25.9456, 15.2352

Sweetspot

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



162.3310, 24.4868, -60.8033



236.8600, 8.9430, -21.8022



165.5890, -23.9544, -63.6606



116.7040, 5.5689, -12.8954



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.



162.3310, 24.4868, -60.8033



183.9130, 35.0459, -87.6237



127.6980, 41.5609, -30.4301



102.5370, 2.2003, -5.7329



99.3260, 35.3353, -87.1089



25.4470, 8.6536, -22.3170

Inverse Universe

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



139.4110, 23.9544, 63.6606



150.7470, 34.6347, 91.4299



177.3020, -41.5609, 30.4301



100.3150, 2.3097, 5.8627



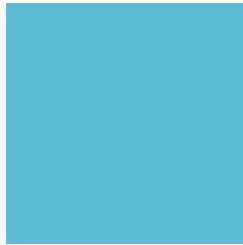
66.6330, 34.1979, 91.5299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 162.3310, 24.4868, -60.8033 looks on a white background.

Color Contrast Check

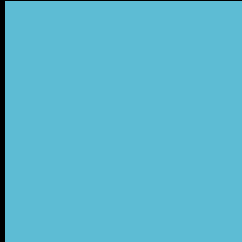
Large Text (above 18pt) WCAG AA × Fail

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 162.3310, 24.4868, -60.8033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

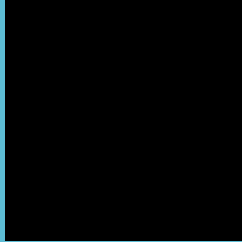
Any Text WCAG AA ✓ Pass

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 162.3310, 24.4868, -60.8033 Background



This preview shows how black text looks on a background with the YUV color 162.3310, 24.4868, -60.8033.



This preview shows how white text looks on a background with the YUV color 162.3310, 24.4868, -60.8033.

-60.8033.

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

162.3310, 24.4868, -60.8033

Protanopia

175.1100, 13.2568, -5.3585

Deuteranopia

175.8310, 19.8033, -5.1138



Tritanopia

161.2230, 21.5821, -62.4626

Trichromacy



Original Color

162.3310, 24.4868, -60.8033

Protanomaly

170.1290, 17.6844, -25.5461

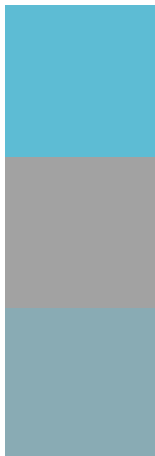
Deuteranomaly

170.8670, 21.7576, -25.3164

Tritanomaly

161.8640, 22.7450, -62.1477

Monochromacy



Original Color

162.3310, 24.4868, -60.8033

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.8600, 8.9430, -21.8022

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.3310, 24.4868, -60.8033 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(93, 188, 212)` looks like.

```
.text, #text, p{  
    color:rgb(93, 188, 212)  
}
```

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(93, 188, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 188, 212) }
```

Border

The CSS property to change the border of an element to YUV 162.3310, 24.4868, -60.8033 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(93, 188, 212) }
```


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

```
.border{ border-color:rgb(93, 188, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 188, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 188, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 188, 212);  
box-shadow:4px 4px 4px 4px rgb(93, 188,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 162.3310, 24.4868, -60.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 188, 212) }
```

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

```
.background{ background-color: rgb(93, 188,  
212) }
```

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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