

Converting Colors

YUV(163.9880, 24.6559,
-68.3955)

Have a look what the booklet for
YUV(163.9880, 24.6559, -68.3955)
contains.

YUV(163.9880, 24.6559, -68.3955)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(163.9880, 24.6559,
-68.3955)**

Conversions

Conversions Part 1

Format	Color
Hex	56C2D6
RGB	86, 194, 214
RGB Percent	34%, 76%, 84%
CMY	0.6627, 0.2392, 0.1608
CMYK	0.60, 0.09, 0.00, 0.16
HSL	189°, 61%, 59%
HSV	189°, 60%, 84%
XYZ	35.2671, 45.4170, 70.5259
YIQ	163.9880, -70.7880, -16.6760

Conversions

Conversions Part 2

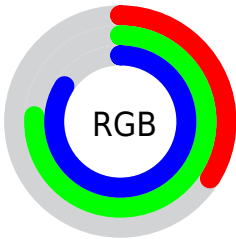
Format	Color
R _Y B	86, 145, 214
Decimal	5685974
CIE Lab	73.17, -25.04, -19.31
CIE LCh	73, 31.624, 217.637
Yxy	45.4170, 0.2332, 0.3004
Android (android.graphics.Color)	4283876054 (0xFF56C2D6)
YUV	163.9880, 24.6559, -68.3955
Hunter-Lab	67.3922, -24.5251, -14.8725

Details

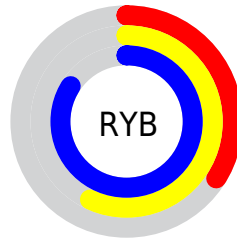
The YUV color **163.9880, 24.6559, -68.3955** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **136.0120, -24.6559, 68.3955**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3600, 17.0775, -64.3367**, and **100.3060, 28.9361, -87.9684** is the 20% darker color. If you saturate the color by 10%, you get **155.9480, 28.6196, -79.7614**, and if you desaturate by 10%, it is **172.0280, 20.6922, -57.0296**.

Distribution



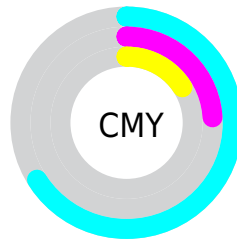
- Red (34%)
- Green (76%)
- Blue (84%)



- Red (34%)
- Yellow (57%)
- Blue (84%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.9880, 24.6559, -68.3955 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 163.9880, 24.6559, -68.3955 by changing the saturation by 10% instead.

■ 163.9880, 24.6559,
-68.3955

■ 163.9880, 24.6559,
-68.3955

■ 255.0000, 0.0000,
0.0000

■ 134.4820, 25.3984,
-73.2137

■ 220.3600, 17.0775,
-64.3367

■ 100.3060, 28.9361,
-87.9684

■ 231.6780, 11.4977,
-47.9526

■ 82.0800, 25.1036,
-71.9842

■ 240.3490, 7.2229,
-30.1241

■ 65.1420, 21.1290,
-57.1295

■ 249.6180, 2.6533,
-11.0660

■ 48.3180, 17.5912,
-42.3749

■ 32.0810, 13.7641,
-28.1350

■ 16.7730, 10.9579,

-14.7099

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 163.9880, 24.6559,
-68.3955

■ 163.9880, 24.6559,
-68.3955

■ 155.9480, 28.6196,
-79.7614

■ 172.0280, 20.6922,
-57.0296

■ 147.0220, 33.0202,
-91.2273

■ 180.9540, 16.2917,
-45.5637

■ 138.9820, 36.9839,
-102.5932

■ 188.9940, 12.3280,
-34.1977

■ 130.6430, 41.0950,
-114.5739

■ 197.3330, 8.2168,
-22.2170

■ 205.9600, 3.9637,
-11.3659

■ 214.0000, 0.0000,
0.0000

■ 222.3390, -4.1111,
11.9807

■ 230.3680, -8.0694,
21.6023

■ 232.1290, -8.9376,
20.0579

Harmonies

Analogous

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



165.2590, 10.2253, -59.8631



163.9880, 24.6559, -68.3955



170.5800, 30.2801, -52.2517

Triad

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



163.9880, 24.6559, -68.3955



184.2120, 8.7695, 34.0171



177.2750, -27.2506, 13.7908

Complementary

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



163.9880, 24.6559, -68.3955



136.0120, -24.6559, 68.3955

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.



179.7490, -26.0053, 34.4231



163.9880, 24.6559, -68.3955



183.3310, -5.0932, 47.0677

Square

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



163.9880, 24.6559, -68.3955



183.2610, 21.0703, 8.5411



182.0030, -17.7495, 46.4784



173.6570, -20.0439, -11.1002

Rectangle

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



163.9880, 24.6559, -68.3955



175.7010, 30.2204, -33.0638



182.0030, -17.7495, 46.4784



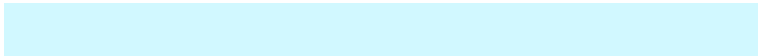
178.2050, -27.7091, 20.8682

Sweetspot

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



163.9880, 24.6559, -68.3955



237.1370, 8.8065, -24.6761



163.3020, -28.7429, -67.7939



116.3940, 5.7218, -15.2545



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.



163.9880, 24.6559, -68.3955



182.9610, 35.5152, -98.1898



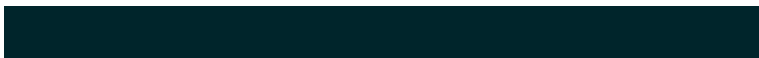
127.0070, 42.8875, -35.9631



102.5370, 2.2003, -5.7329



104.0220, 33.0202, -91.2273



26.6210, 8.0748, -23.3466

Inverse Universe

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



136.5840, 28.3061, 67.8938



143.6860, 40.5808, 97.6224



172.9930, -42.8875, 35.9631



100.3150, 2.3097, 5.8627



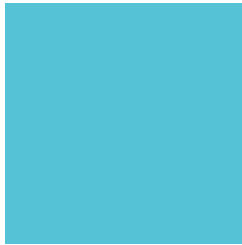
67.5450, 37.6923, 90.7300



17.0750, 9.8230, 22.7362

Previews

White Background



This preview shows how the YUV color 163.9880, 24.6559, -68.3955 looks on a white background.

Color Contrast Check

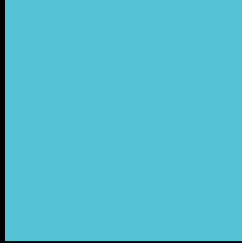
Large Text (above 18pt) WCAG AA × Fail

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 163.9880, 24.6559, -68.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

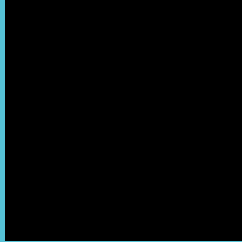
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.9880, 24.6559, -68.3955

Background



This preview shows how black text looks on a background with the YUV color 163.9880, 24.6559, -68.3955.



This preview shows how white text looks on a background with the YUV color 163.9880, 24.6559, -68.3955.

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

163.9880, 24.6559, -68.3955

Protanopia

179.0670, 11.7990, -4.4438

Deuteranopia

180.2010, 18.6349, -3.6843



Tritanopia

163.5210, 22.9141, -69.7399

Trichromacy



Original Color

163.9880, 24.6559, -68.3955

Protanomaly

173.4770, 16.5268, -27.6053

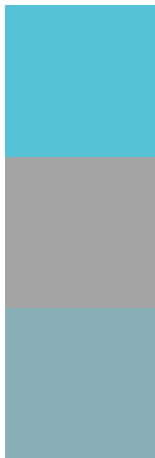
Deuteranomaly

174.3290, 21.0368, -27.4755

Tritanomaly

163.9340, 23.2035, -69.2251

Monochromacy



Original Color

163.9880, 24.6559, -68.3955

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1370, 8.8065, -24.6761

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9880, 24.6559, -68.3955 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(86, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(86, 194, 214)  
}
```

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(86, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 194, 214) }
```

Border

The CSS property to change the border of an element to YUV 163.9880, 24.6559, -68.3955 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(86, 194, 214) }
```


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

```
.border{ border-color:rgb(86, 194, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(86, 194,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 163.9880, 24.6559, -68.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 194, 214) }
```

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

```
.background{ background-color: rgb(86, 194,  
214) }
```

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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