

Converting Colors

YUV(158.8290, 25.7203,
-83.1650)

Have a look what the booklet for
YUV(158.8290, 25.7203, -83.1650)
contains.

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Color

**YUV(158.8290, 25.7203,
-83.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	40C5D3
RGB	64, 197, 211
RGB Percent	25%, 77%, 83%
CMY	0.7490, 0.2275, 0.1725
CMYK	0.70, 0.07, 0.00, 0.17
HSL	186°, 63%, 54%
HSV	186°, 70%, 83%
XYZ	33.8385, 45.7256, 68.6705
YIQ	158.8290, -83.7620, -23.8420

Conversions

Conversions Part 2

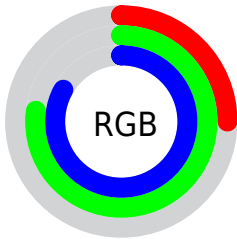
Format	Color
R _{YB}	64, 134, 211
Decimal	4244947
CIE Lab	73.37, -30.83, -17.43
CIE LCh	73, 35.418, 209.486
Yxy	45.7256, 0.2283, 0.3085
Android (android.graphics.Color)	4282435027 (0xFF40C5D3)
YUV	158.8290, 25.7203, -83.1650
Hunter-Lab	67.6207, -29.0121, -12.8759

Details

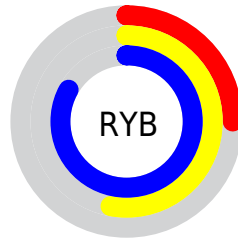
The YUV color **158.8290, 25.7203, -83.1650** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **116.1710, -25.7203, 83.1650**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3370, 18.5679, -75.7175**, and **101.7250, 26.7576, -89.2128** is the 20% darker color. If you saturate the color by 10%, you get **151.3760, 29.3946, -95.0458**, and if you desaturate by 10%, it is **166.2820, 22.0460, -71.2843**.

Distribution



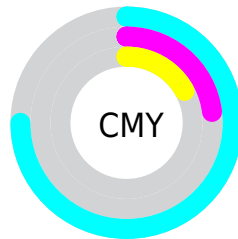
- Red (25%)
- Green (77%)
- Blue (83%)



- Red (25%)
- Yellow (53%)
- Blue (83%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (75%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8290, 25.7203, -83.1650 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 158.8290, 25.7203, -83.1650 by changing the saturation by 10% instead.

■ 158.8290, 25.7203,
-83.1650

■ 158.8290, 25.7203,
-83.1650

■ 255.0000, 0.0000,
0.0000

■ 121.5600, 30.2899,
-102.2231

■ 217.3370, 18.5679,
-75.7175

■ 101.7250, 26.7576,
-89.2128

■ 226.8940, 13.8563,
-57.7890

■ 83.4990, 22.9250,
-73.2286

■ 236.1630, 9.2866,
-38.7310

■ 65.9740, 19.2398,
-57.8592

■ 245.1330, 4.8644,
-20.2876

■ 49.1500, 15.7020,
-43.1045

■ 254.4020, 0.2948,
-1.2296

■ 33.0270, 12.3117,
-28.9647

■ 16.5450, 10.0843,

-14.5100

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 158.8290, 25.7203,
-83.1650

■ 158.8290, 25.7203,
-83.1650

■ 151.3760, 29.3946,
-95.0458

■ 166.2820, 22.0460,
-71.2843

■ 143.9230, 33.0690,
-106.9265

■ 173.7350, 18.3716,
-59.4036

■ 136.4700, 36.7433,
-118.8072

■ 181.1880, 14.6973,
-47.5229

■ 136.1710, 36.8907,
-119.4220

■ 188.6410, 11.0230,
-35.6422

■ 196.3930, 7.2013,
-23.1467

■ 203.8460, 3.5269,
-11.2659

■ 211.2990, -0.1474,
0.6148

■ 218.7520, -3.8217,
12.4955

■ 226.2050, -7.4961,
24.3762

Harmonies

Analogous

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



163.7270, 7.0366, -63.7816



158.8290, 25.7203, -83.1650



164.9090, 34.5549, -70.0802

Triad

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



158.8290, 25.7203, -83.1650



184.9820, 14.3059, 31.5878



178.2930, -31.2034, 21.6680

Complementary

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



158.8290, 25.7203, -83.1650



116.1710, -25.7203, 83.1650

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.



180.7500, -27.4847, 42.3152



158.8290, 25.7203, -83.1650



184.3790, -1.1728, 49.6566

Square

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



158.8290, 25.7203, -83.1650



182.9980, 26.6230, 0.8788



182.5030, -16.0240, 53.0559



174.9090, -25.5911, -5.1822

Rectangle

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



158.8290, 25.7203, -83.1650



172.4540, 34.7792, -48.6332



182.5030, -16.0240, 53.0559



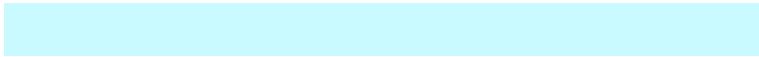
179.0490, -31.0832, 29.7750

Sweetspot

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



158.8290, 25.7203, -83.1650



235.9190, 9.4069, -30.6240



151.6570, -37.2989, -76.8752



116.0840, 5.8746, -17.6137



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.



158.8290, 25.7203, -83.1650



179.2740, 37.3329, -121.2663



116.5650, 46.5565, -46.0995



101.1240, 1.9109, -6.2477



108.3760, 29.3946, -95.0458



26.3930, 7.2013, -23.1467

Inverse Universe

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



123.1150, 36.4253, 77.0751



127.1020, 53.1937, 112.1665



158.4350, -46.5565, 46.0995



98.4290, 2.7465, 5.7628



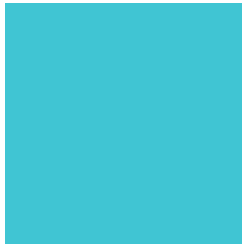
67.5600, 41.6289, 88.0859



16.4770, 10.1178, 21.5067

Previews

White Background



This preview shows how the YUV color 158.8290, 25.7203, -83.1650 looks on a white background.

Color Contrast Check

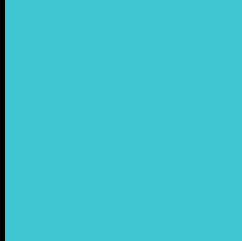
Large Text (above 18pt) WCAG AA × Fail

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 158.8290, 25.7203, -83.1650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

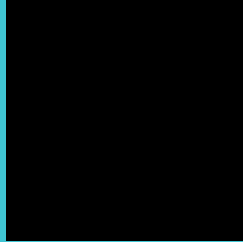
Any Text WCAG AA ✓ Pass

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 158.8290, 25.7203, -83.1650 Background



This preview shows how black text looks on a background with the YUV color 158.8290, 25.7203, -83.1650.



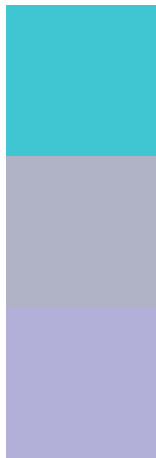
This preview shows how white text looks on a background with the YUV color 158.8290, 25.7203, -83.1650.

-83.1650.

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

158.8290, 25.7203, -83.1650

Protanopia

179.6820, 9.0308, -3.2291

Deuteranopia

180.5710, 17.4665, -2.2548



Tritanopia

159.3560, 26.4465, -82.7502

Trichromacy



Original Color

158.8290, 25.7203, -83.1650



Protanomaly

172.1020, 15.2327, -32.5385



Deuteranomaly

172.7800, 20.3215, -31.3791



Tritanomaly

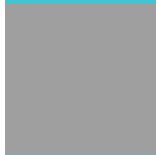
159.2420, 26.0097, -82.6502

Monochromacy



Original Color

158.8290, 25.7203, -83.1650



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.9190, 9.4069, -30.6240

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8290, 25.7203, -83.1650 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(64, 197, 211)` looks like.

```
.text, #text, p{  
    color:rgb(64, 197, 211)  
}
```

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(64, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 197, 211) }
```

Border

The CSS property to change the border of an element to YUV 158.8290, 25.7203, -83.1650 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(64, 197, 211) }
```


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

```
.border{ border-color:rgb(64, 197, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 197, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 197, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 197, 211);  
box-shadow:4px 4px 4px 4px rgb(64, 197,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 158.8290, 25.7203, -83.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 197, 211) }
```

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

```
.background{ background-color: rgb(64, 197,  
211) }
```

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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