

Converting Colors

YUV(158.0830, 27.0741,
-97.4198)

Have a look what the booklet for
YUV(158.0830, 27.0741, -97.4198)
contains.

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Color

**YUV(158.0830, 27.0741,
-97.4198)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2FCCD5 |
| RGB | 47, 204, 213 |
| RGB Percent | 18%, 80%, 84% |
| CMY | 0.8157, 0.2000, 0.1647 |
| CMYK | 0.78, 0.04, 0.00, 0.16 |
| HSL | 183°, 66%, 51% |
| HSV | 183°, 78%, 84% |
| XYZ | 34.7754, 48.5942, 70.4975 |
| YIQ | 158.0830, -96.4610, -30.4850 |

Conversions

Conversions Part 2

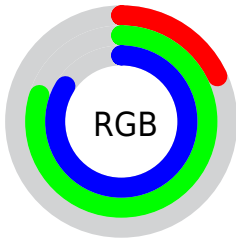
| Format | Color |
|-------------------------------------|--------------------------------|
| RYP | 47, 128, 213 |
| Decimal | 3132629 |
| CIELab | 75.20, -35.48, -15.78 |
| CIElCh | 75, 38.834, 203.982 |
| Yxy | 48.5942, 0.2260, 0.3158 |
| Android (android.graphics.Color) | 4281322709 (0xFF2FCCD5) |
| YUV | 158.0830, 27.0741, -97.4198 |
| Hunter-Lab | 69.7095, -32.9449, -11.1636 |

Details

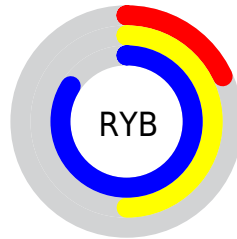
The YUV color **158.0830, 27.0741, -97.4198** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **101.9170, -27.0741, 97.4198**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2330, 19.6051, -81.7653**, and **105.4750, 25.8948, -92.5016** is the 20% darker color. If you saturate the color by 10%, you get **151.2170, 30.4590, -109.8153**, and if you desaturate by 10%, it is **164.9490, 23.6891, -85.0243**.

Distribution



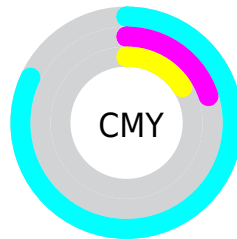
- Red (18%)
- Green (80%)
- Blue (84%)



- Red (18%)
- Yellow (50%)
- Blue (84%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (82%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.0830, 27.0741, -97.4198 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 158.0830, 27.0741, -97.4198 by changing the saturation by 10% instead.

158.0830, 27.0741,
-97.4198

158.0830, 27.0741,
-97.4198

255.0000, 0.0000,
0.0000

124.4020, 29.8748,
-109.1006

215.2330, 19.6051,
-81.7653

105.4750, 25.8948,
-92.5016

224.8010, 14.8881,
-62.0925

87.2490, 22.0622,
-76.5174

234.0700, 10.3185,
-43.0344

69.7240, 18.3771,
-61.1479

243.3390, 5.7489,
-23.9763

52.3130, 15.1287,
-45.8785

252.6080, 1.1793,
-4.9182

35.6030, 12.0277,
-31.2238

20.7680, 8.4954,

-18.2135

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 158.0830, 27.0741,
-97.4198

■ 158.0830, 27.0741,
-97.4198

■ 151.2170, 30.4590,
-109.8153

■ 164.9490, 23.6891,
-85.0243

■ 144.0520, 33.9914,
-122.8256

■ 172.1140, 20.1568,
-72.0140

■ 142.2690, 34.8704,
-124.7699

■ 178.9800, 16.7719,
-59.6185

■ 186.4330, 13.0975,
-47.7377

■ 193.5980, 9.5652,
-34.7274

■ 200.4640, 6.1802,
-22.3319

■ 207.3300, 2.7953,
-9.9364

■ 214.1960, -0.5896,
2.4591

■ 221.3610, -4.1220,
15.4694

Harmonies

Analogous

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



167.3200, 4.2792, -66.0556



158.0830, 27.0741, -97.4198



163.5260, 38.6877, -89.0383

Triad

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



158.0830, 27.0741, -97.4198



190.4100, 18.5319, 29.4584



183.8270, -34.4247, 28.2157

Complementary

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



158.0830, 27.0741, -97.4198



101.9170, -27.0741, 97.4198

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.



185.6800, -27.9432, 49.3926



158.0830, 27.0741, -97.4198



189.3130, 2.3107, 52.3455

Square

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



158.0830, 27.0741, -97.4198



187.0940, 31.0127, -7.0984



187.5900, -14.5879, 59.1186



180.0900, -30.1174, -0.0789

Rectangle

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



158.0830, 27.0741, -97.4198



172.9190, 39.4799, -63.0730



187.5900, -14.5879, 59.1186



184.2240, -33.1414, 36.6376

Sweetspot

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



158.0830, 27.0741, -97.4198



235.5980, 9.5652, -34.7274



145.3540, -44.5445, -86.2565



116.0620, 5.8854, -21.1024



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.



158.0830, 27.0741, -97.4198



175.6090, 39.1398, -140.8541



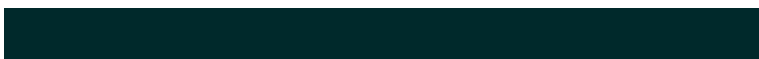
109.9490, 50.8041, -55.2063



103.7110, 1.6215, -6.7625



114.5880, 27.8111, -100.4937



28.9690, 6.9173, -25.4058

Inverse Universe

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



114.5320, 44.1077, 86.3564



112.6380, 63.7755, 124.8515



150.0510, -50.8041, 55.2063



100.5430, 3.1833, 5.6628



69.5970, 45.5547, 88.9304



17.5310, 11.5702, 22.3363

Previews

White Background



This preview shows how the YUV color 158.0830, 27.0741, -97.4198 looks on a white background.

Color Contrast Check

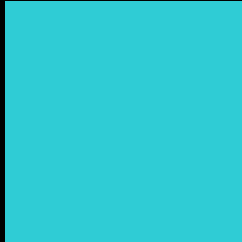
Large Text (above 18pt) WCAG AA × Fail

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 158.0830, 27.0741, -97.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

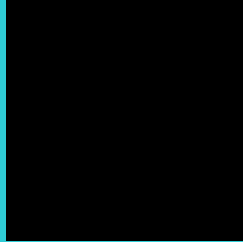
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.0830, 27.0741, -97.4198

Background



This preview shows how black text looks on a background with the YUV color 158.0830, 27.0741, -97.4198.

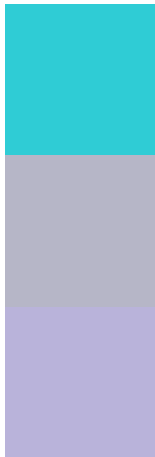


This preview shows how white text looks on a background with the YUV color 158.0830, 27.0741, -97.4198.

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

158.0830, 27.0741, -97.4198

Protanopia

183.9380, 7.4256, -1.6996

Deuteranopia

185.2400, 16.1507, -0.2105



Tritanopia

159.9740, 29.0998, -93.8162

Trichromacy



Original Color

158.0830, 27.0741, -97.4198



Protanomaly

174.5530, 14.5174, -36.4420



Deuteranomaly

175.3450, 20.0429, -35.3826



Tritanomaly

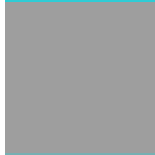
159.1480, 28.5210, -94.8458

Monochromacy



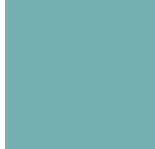
Original Color

158.0830, 27.0741, -97.4198



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.2990, 9.7126, -35.3422

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0830, 27.0741, -97.4198 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(47, 204, 213)` looks like.

```
.text, #text, p{  
    color:rgb(47, 204, 213)  
}
```

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(47, 204, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 204, 213) }
```

Border

The CSS property to change the border of an element to YUV 158.0830, 27.0741, -97.4198 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(47, 204, 213) }
```


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

```
.border{ border-color:rgb(47, 204, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 204, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 204, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 204, 213);  
box-shadow:4px 4px 4px 4px rgb(47, 204,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 158.0830, 27.0741, -97.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 204, 213) }
```

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

```
.background{ background-color: rgb(47, 204,  
213) }
```

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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