

Converting Colors

YUV(156.2550, 16.1433,
-91.4316)

Have a look what the booklet for
YUV(156.2550, 16.1433, -91.4316)
contains.

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Color

**YUV(156.2550, 16.1433,
-91.4316)**

Conversions

Conversions Part 1

Format	Color
Hex	34CBBD
RGB	52, 203, 189
RGB Percent	20%, 80%, 74%
CMY	0.7961, 0.2039, 0.2588
CMYK	0.74, 0.00, 0.07, 0.20
HSL	174°, 59%, 50%
HSV	174°, 74%, 80%
XYZ	31.9574, 47.1161, 55.5541
YIQ	156.2550, -85.5020, -36.3660

Conversions

Conversions Part 2

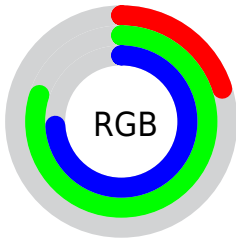
Format	Color
RYB	52, 131, 203
Decimal	3460029
CIELab	74.26, -41.39, -4.19
CIELCh	74, 41.599, 185.776
Yxy	47.1161, 0.2374, 0.3500
Android (android.graphics.Color)	4281650109 (0xFF34CBBB)
YUV	156.2550, 16.1433, -91.4316
Hunter-Lab	68.6411, -37.0173, 0.0630

Details

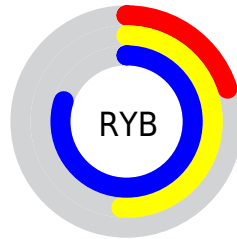
The YUV color **156.2550, 16.1433, -91.4316** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **98.7450, -16.1433, 91.4316**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0930, 15.2372, -80.7656**, and **102.3800, 16.5747, -89.7873** is the 20% darker color. If you saturate the color by 10%, you get **150.0470, 18.2178, -103.5272**, and if you desaturate by 10%, it is **162.4630, 14.0687, -79.3361**.

Distribution



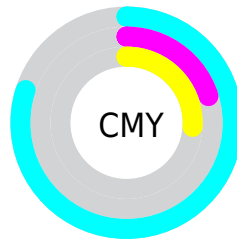
- Red (20%)
- Green (80%)
- Blue (74%)



- Red (20%)
- Yellow (51%)
- Blue (80%)



- Cyan (74%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (80%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.2550, 16.1433, -91.4316 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 156.2550, 16.1433, -91.4316 by changing the saturation by 10% instead.

■ 156.2550, 16.1433,
-91.4316

■ 156.2550, 16.1433,
-91.4316

■ 255.0000, 0.0000,
0.0000

■ 121.1930, 20.1179,
-106.2863

■ 214.0930, 15.2372,
-80.7656

■ 102.3800, 16.5747,
-89.7873

■ 224.5020, 15.0355,
-62.7073

■ 84.2680, 13.1789,
-73.9030

■ 233.7710, 10.4659,
-43.6492

■ 66.1560, 9.7831,
-58.0188

■ 242.7410, 6.0437,
-25.2059

■ 48.8590, 6.9715,
-42.8493

■ 252.0100, 1.4741,
-6.1478

■ 32.8500, 4.0179,
-28.8095

■ 16.4820, 2.2274,

-14.4547

■ 0.0000, 0.0000,
0.0000

■ 156.2550, 16.1433,
-91.4316

■ 156.2550, 16.1433,
-91.4316

■ 150.0470, 18.2178,
-103.5272

■ 162.4630, 14.0687,
-79.3361

■ 143.5400, 20.4398,
-116.2376

■ 168.9700, 11.8468,
-66.6257

■ 140.1370, 21.6245,
-122.9001

■ 175.1780, 9.7722,
-54.5301

■ 181.3860, 7.6977,
-42.4345

■ 187.7790, 5.0390,
-29.6242

■ 193.9870, 2.9644,
-17.5286

■ 200.1950, 0.8899,
-5.4330

■ 206.4030, -1.1847,
6.6626

■ 212.9100, -3.4066,
19.3729

Harmonies

Analogous

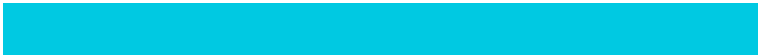
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.9880, -8.8681, -49.1015



156.2550, 16.1433, -91.4316



143.7510, 40.5488, -126.0696

Triad

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



156.2550, 16.1433, -91.4316



186.6230, 28.7799, 9.1006



182.4530, -33.7473, 44.3297

Complementary

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



156.2550, 16.1433, -91.4316



98.7450, -16.1433, 91.4316

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.



184.3530, -21.8660, 60.2034



156.2550, 16.1433, -91.4316



187.5320, 13.5417, 43.3834

Square

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



156.2550, 16.1433, -91.4316



178.3400, 37.7934, -35.3782



185.6470, -4.2630, 60.8226



179.1910, -36.5762, 18.2495

Rectangle

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



156.2550, 16.1433, -91.4316



154.0230, 44.8517, -106.1372



185.6470, -4.2630, 60.8226



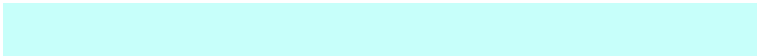
183.0070, -30.5695, 51.7369

Sweetspot

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



156.2550, 16.1433, -91.4316



237.6860, 6.0708, -33.9276



145.1220, -45.9091, -68.5130



117.3780, 3.2646, -20.5025



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.



156.2550, 16.1433, -91.4316



184.7330, 24.2886, -137.4548



122.6310, 39.6219, -61.9434



98.8960, 1.0373, -6.0478



114.5420, 17.4808, -100.4533



26.2960, 4.2911, -23.0616

Inverse Universe

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



98.7450, -16.1433, 91.4316



98.2670, -24.2886, 137.4548



132.3690, -39.6219, 61.9434



95.1040, -1.0373, 6.0478



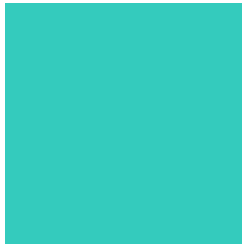
51.3440, -17.9176, 100.5533



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 156.2550, 16.1433, -91.4316 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 156.2550, 16.1433, -91.4316 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

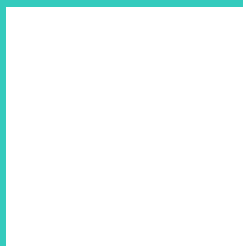
Any Text WCAG AAA ✓ Pass

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

YUV 156.2550, 16.1433, -91.4316 Background



This preview shows how black text looks on a background with the YUV color 156.2550, 16.1433, -91.4316.

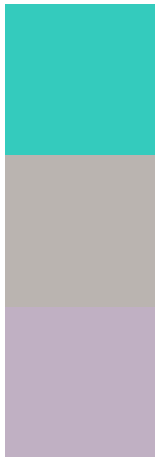


This preview shows how white text looks on a background with the YUV color 156.2550, 16.1433, -91.4316.

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

156.2550, 16.1433, -91.4316

Protanopia

181.3380, -2.6316, 4.0886

Deuteranopia

182.9500, 5.9407, 7.9369



Tritanopia

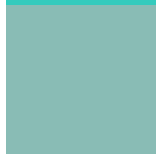
161.6550, 26.2991, -82.1354

Trichromacy



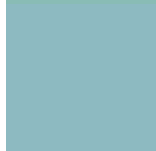
Original Color

156.2550, 16.1433, -91.4316



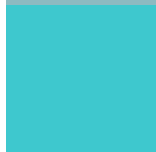
Protanomaly

171.9530, 4.4602, -30.6538



Deuteranomaly

173.3430, 9.6909, -28.3648



Tritanomaly

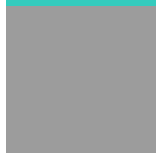
159.4220, 22.9630, -85.4391

Monochromacy



Original Color

156.2550, 16.1433, -91.4316



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.9850, 5.9234, -33.3128

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.2550, 16.1433, -91.4316 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(52, 203, 189)` looks like.

```
.text, #text, p{  
    color:rgb(52, 203, 189)  
}
```

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(52, 203, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 203, 189) }
```

Border

The CSS property to change the border of an element to YUV 156.2550, 16.1433, -91.4316 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(52, 203, 189) }
```


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

```
.border{ border-color:rgb(52, 203, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 203, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 203, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 203, 189);  
box-shadow:4px 4px 4px 4px rgb(52, 203,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 156.2550, 16.1433, -91.4316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 203, 189) }
```

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

```
.background{ background-color: rgb(52, 203,  
189) }
```

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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