

Converting Colors

YUV(156.2010, 14.6909,
-92.2613)

Have a look what the booklet for
YUV(156.2010, 14.6909, -92.2613)
contains.

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Color

**YUV(156.2010, 14.6909,
-92.2613)**

Conversions

Conversions Part 1

Format	Color
Hex	33CCBA
RGB	51, 204, 186
RGB Percent	20%, 80%, 73%
CMY	0.8000, 0.2000, 0.2706
CMYK	0.75, 0.00, 0.09, 0.20
HSL	173°, 60%, 50%
HSV	173°, 75%, 80%
XYZ	31.8210, 47.4347, 53.9330
YIQ	156.2010, -85.4100, -38.0340

Conversions

Conversions Part 2

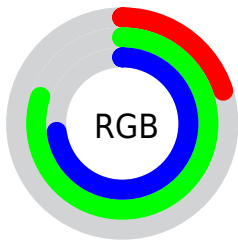
Format	Color
RYB	51, 132, 204
Decimal	3394746
CIELab	74.47, -42.76, -2.27
CIELCh	74, 42.818, 183.035
Yxy	47.4347, 0.2389, 0.3561
Android (android.graphics.Color)	4281584826 (0xFF33CCBA)
YUV	156.2010, 14.6909, -92.2613
Hunter-Lab	68.8729, -38.0559, 1.7821

Details

The YUV color **156.2010, 14.6909, -92.2613** 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 **98.7990, -14.6909, 92.2613**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4520, 14.0742, -81.0804**, and **102.6250, 14.9749, -90.0021** is the 20% darker color. If you saturate the color by 10%, you get **149.9930, 16.7655, -104.3569**, and if you desaturate by 10%, it is **162.4090, 12.6164, -80.1657**.

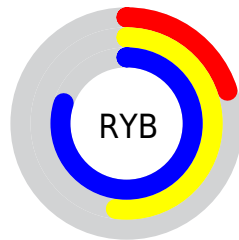
Distribution



Red (20%)

Green (80%)

Blue (73%)



Red (20%)

Yellow (52%)

Blue (80%)

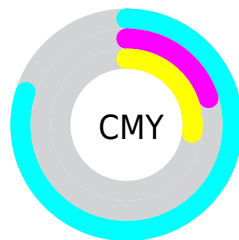


Cyan (75%)

Magenta (0%)

Yellow (9%)

Black (20%)



Cyan (80%)

Magenta (20%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.2010, 14.6909, -92.2613 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 156.2010, 14.6909, -92.2613 by changing the saturation by 10% instead.

■ 156.2010, 14.6909,
-92.2613

■ 156.2010, 14.6909,
-92.2613

■ 255.0000, 0.0000,
0.0000

■ 121.4380, 18.5181,
-106.5011

■ 213.4520, 14.0742,
-81.0804

■ 102.6250, 14.9749,
-90.0021

■ 224.2030, 15.1829,
-63.3220

■ 83.9260, 11.8685,
-73.6031

■ 233.4720, 10.6133,
-44.2639

■ 66.5150, 8.6201,
-58.3337

■ 242.7410, 6.0437,
-25.2059

■ 49.2180, 5.8085,
-43.1642

■ 251.7110, 1.6215,
-6.7625

■ 33.2090, 2.8550,
-29.1243

■ 16.8410, 1.0644,

-14.7696

■ 0.0000, 0.0000,
0.0000

■ 156.2010, 14.6909,
-92.2613

■ 156.2010, 14.6909,
-92.2613

■ 149.9930, 16.7655,
-104.3569

■ 162.4090, 12.6164,
-80.1657

■ 143.3720, 18.5506,
-116.9672

■ 169.0300, 10.8312,
-67.5553

■ 140.2680, 19.5879,
-123.0150

■ 175.2380, 8.7567,
-55.4597

■ 181.8590, 6.9715,
-42.8493

■ 188.0670, 4.8970,
-30.7538

■ 194.2750, 2.8224,
-18.6582

■ 200.8960, 1.0373,
-6.0478

■ 207.1040, -1.0373,
6.0478

■ 213.7250, -2.8224,
18.6582

Harmonies

Analogous

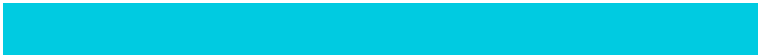
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.0160, -11.3469, -47.3720



156.2010, 14.6909, -92.2613



144.8110, 39.5332, -126.9992

Triad

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



156.2010, 14.6909, -92.2613



186.4700, 30.8273, 5.7268



182.4750, -33.7582, 47.8184

Complementary

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



156.2010, 14.6909, -92.2613



98.7990, -14.6909, 92.2613

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.



184.0050, -20.7085, 62.2626



156.2010, 14.6909, -92.2613



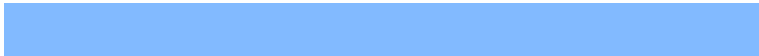
188.3900, 15.5837, 41.7540

Square

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



156.2010, 14.6909, -92.2613



177.1220, 38.3939, -41.3260



186.1030, -2.5158, 60.4227



179.8710, -37.8974, 22.0381

Rectangle

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



156.2010, 14.6909, -92.2613



144.7430, 49.4267, -126.9396



186.1030, -2.5158, 60.4227



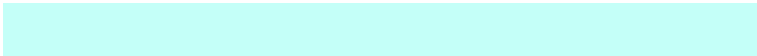
183.7300, -30.4329, 54.6108

Sweetspot

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



156.2010, 14.6909, -92.2613



236.5610, 5.6394, -35.5720



146.7910, -47.2250, -66.4687



116.6660, 3.1227, -21.6321



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.



156.2010, 14.6909, -92.2613



183.1520, 22.1101, -138.6993



125.3810, 38.7592, -65.2321



98.8960, 1.0373, -6.0478



114.0860, 15.7336, -100.0534



26.1820, 3.8543, -22.9616

Inverse Universe

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



98.7990, -14.6909, 92.2613



96.9620, -21.6733, 138.5993



129.6190, -38.7592, 65.2321



95.1040, -1.0373, 6.0478



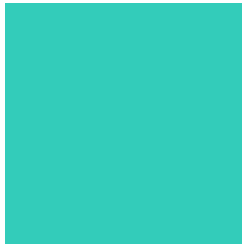
51.9140, -15.7336, 100.0534



11.9320, -3.4175, 22.8616

Previews

White Background



This preview shows how the YUV color 156.2010, 14.6909, -92.2613 looks on a white background.

Color Contrast Check

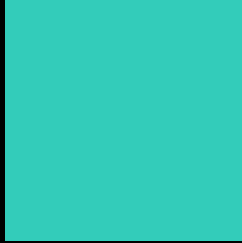
Large Text (above 18pt) WCAG AA × Fail

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 156.2010, 14.6909, -92.2613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

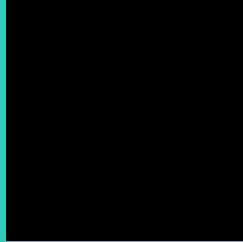
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

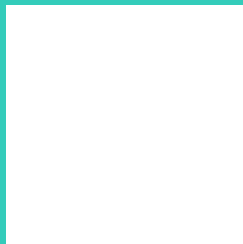
Any Text WCAG AAA ✓ Pass

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

YUV 156.2010, 14.6909, -92.2613 Background



This preview shows how black text looks on a background with the YUV color 156.2010, 14.6909, -92.2613.

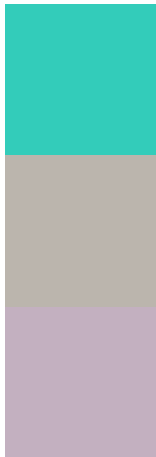


This preview shows how white text looks on a background with the YUV color 156.2010, 14.6909, -92.2613.

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

156.2010, 14.6909, -92.2613

Protanopia

181.8820, -4.3788, 4.4885

Deuteranopia

183.5050, 4.1880, 10.0811



Tritanopia

162.6550, 26.2991, -82.1354

Trichromacy



Original Color

156.2010, 14.6909, -92.2613



Protanomaly

172.4970, 2.7130, -30.2539



Deuteranomaly

173.5990, 8.0857, -26.8353



Tritanomaly

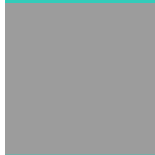
159.8950, 22.2368, -85.8539

Monochromacy



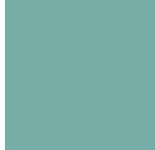
Original Color

156.2010, 14.6909, -92.2613



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.8710, 5.4866, -33.2129

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.2010, 14.6909, -92.2613 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(51, 204, 186)` looks like.

```
.text, #text, p{  
    color:rgb(51, 204, 186)  
}
```

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(51, 204, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 204, 186) }
```

Border

The CSS property to change the border of an element to YUV 156.2010, 14.6909, -92.2613 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(51, 204, 186) }
```


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

```
.border{ border-color:rgb(51, 204, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 204, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 204, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 204, 186);  
box-shadow:4px 4px 4px 4px rgb(51, 204,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 156.2010, 14.6909, -92.2613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 204, 186) }
```

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

```
.background{ background-color: rgb(51, 204,  
186) }
```

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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