

Converting Colors

YUV(176.0610, 10.3229,
-91.2615)

Have a look what the booklet for
YUV(176.0610, 10.3229, -91.2615)
contains.

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Color

**YUV(176.0610, 10.3229,
-91.2615)**

Conversions

Conversions Part 1

Format	Color
Hex	48E1C5
RGB	72, 225, 197
RGB Percent	28%, 88%, 77%
CMY	0.7176, 0.1176, 0.2275
CMYK	0.68, 0.00, 0.12, 0.12
HSL	169°, 72%, 58%
HSV	169°, 68%, 88%
XYZ	39.6757, 59.2594, 62.1704
YIQ	176.0610, -82.2000, -41.1440

Conversions

Conversions Part 2

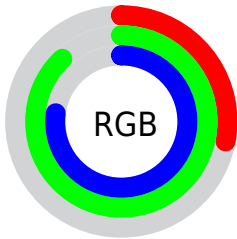
Format	Color
RYB	72, 156, 225
Decimal	4776389
CIELab	81.43, -46.29, 2.07
CIELCh	81, 46.341, 177.443
Yxy	59.2594, 0.2463, 0.3678
Android (android.graphics.Color)	4282966469 (0xFF48E1C5)
YUV	176.0610, 10.3229, -91.2615
Hunter-Lab	76.9801, -42.7158, 6.0025

Details

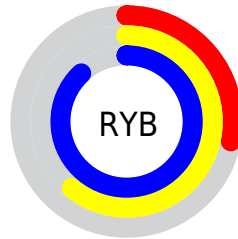
The YUV color **176.0610, 10.3229, -91.2615** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted cyan. A complement of this color would be **120.9390, -10.3229, 91.2615**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9030, 16.8098, -71.8289**, and **115.5050, 13.5550, -101.2979** is the 20% darker color. If you saturate the color by 10%, you get **168.7280, 11.9661, -105.0015**, and if you desaturate by 10%, it is **183.3940, 8.6798, -77.5215**.

Distribution



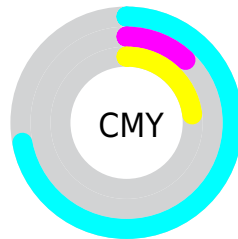
- Red (28%)
- Green (88%)
- Blue (77%)



- Red (28%)
- Yellow (61%)
- Blue (88%)



- Cyan (68%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (72%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.0610, 10.3229, -91.2615 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 176.0610, 10.3229, -91.2615 by changing the saturation by 10% instead.

■ 176.0610, 10.3229,
-91.2615

■ 176.0610, 10.3229,
-91.2615

255.0000, 0.0000,
0.0000

■ 142.1950, 13.7079,
-103.6570

■ 219.9030, 16.8098,
-71.8289

■ 115.5050, 13.5550,
-101.2979

■ 229.2860, 12.6770,
-52.8708

■ 96.8060, 10.4486,
-84.8989

■ 238.5550, 8.1074,
-33.8127

■ 78.1070, 7.3422,
-68.4998

■ 247.8240, 3.5378,
-14.7546

■ 60.8100, 4.5307,
-53.3304

■ 43.5130, 1.7191,
-38.1609

■ 28.3190, -0.6503,

-24.8358

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 176.0610, 10.3229,
-91.2615

■ 176.0610, 10.3229,
-91.2615

■ 168.7280, 11.9661,
-105.0015

■ 183.3940, 8.6798,
-77.5215

■ 161.6940, 13.4619,
-118.1266

■ 190.4280, 7.1840,
-64.3964

■ 154.6600, 14.9576,
-131.2518

■ 197.4620, 5.6882,
-51.2712

■ 153.0510, 15.2579,
-134.2257

■ 204.7950, 4.0451,
-37.5312

■ 212.2420, 2.8387,
-23.8912

■ 219.2760, 1.3429,
-10.7661

■ 226.6090, -0.3002,
2.9739

■ 233.6430, -1.7960,
16.0991

■ 234.9960, -0.4910,
17.5435

Harmonies

Analogous

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



188.5450, -17.0307, -44.3280



176.0610, 10.3229, -91.2615



159.5490, 40.1553, -139.9245

Triad

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



176.0610, 10.3229, -91.2615



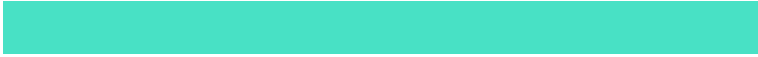
201.8730, 26.1916, -0.7656



198.4860, -33.7636, 49.5628

Complementary

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



176.0610, 10.3229, -91.2615



120.9390, -10.3229, 91.2615

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.



195.4320, -15.0030, 52.2411



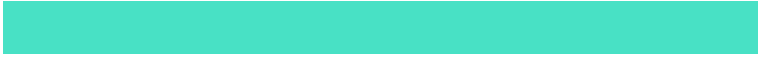
176.0610, 10.3229, -91.2615



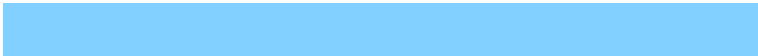
208.0460, 20.6833, 39.4247

Square

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



176.0610, 10.3229, -91.2615



189.7370, 32.1747, -53.2663



198.5730, 4.6475, 49.4865



199.8890, -41.8503, 29.9153

Rectangle

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



176.0610, 10.3229, -91.2615



158.7970, 47.4281, -139.2650



198.5730, 4.6475, 49.4865



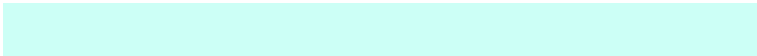
196.6910, -27.9487, 51.1370

Sweetspot

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



176.0610, 10.3229, -91.2615



238.7250, 3.5866, -30.4538



170.1830, -48.4042, -61.5505



118.0470, 1.9488, -18.4582



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.



176.0610, 10.3229, -91.2615



188.1770, 14.2097, -124.6892



151.0770, 36.4440, -69.3505



108.4830, 0.7479, -6.5626



119.7280, 11.9661, -105.0015



32.7360, 3.5812, -28.7095

Inverse Universe

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



120.9390, -10.3229, 91.2615



112.8230, -14.2097, 124.6892



145.9230, -36.4440, 69.3505



104.5170, -0.7479, 6.5626



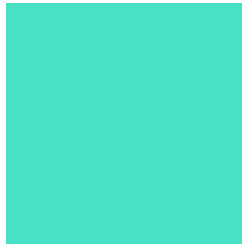
56.2720, -11.9661, 105.0015



15.3780, -3.1444, 28.6095

Previews

White Background



This preview shows how the YUV color 176.0610, 10.3229, -91.2615 looks on a white background.

Color Contrast Check

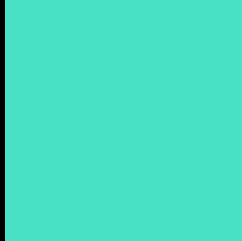
Large Text (above 18pt) WCAG AA × Fail

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 176.0610, 10.3229, -91.2615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

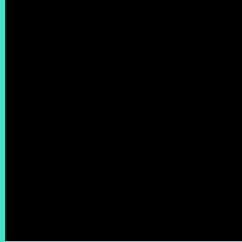
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

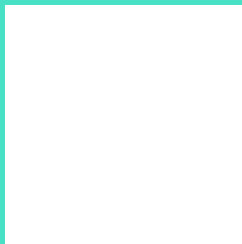
Any Text WCAG AAA ✓ Pass

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

YUV 176.0610, 10.3229, -91.2615 Background



This preview shows how black text looks on a background with the YUV color 176.0610, 10.3229, -91.2615.

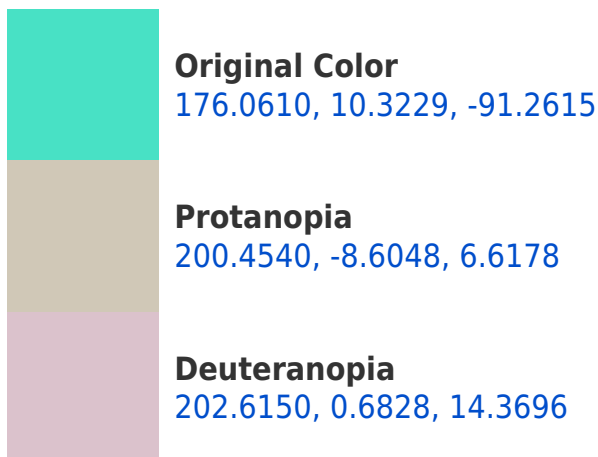


This preview shows how white text looks on a background with the YUV color 176.0610, 10.3229, -91.2615.

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





Tritanopia

182.7800, 26.7305, -80.4911

Trichromacy



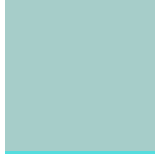
Original Color

176.0610, 10.3229, -91.2615



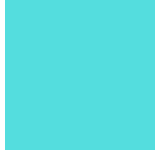
Protanomaly

191.6560, -1.8024, -28.6393



Deuteranomaly

192.8830, 4.0017, -23.5764



Tritanomaly

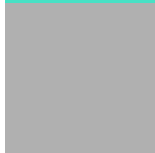
180.1510, 20.6316, -84.3244

Monochromacy



Original Color

176.0610, 10.3229, -91.2615



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.1160, 3.8868, -33.4277

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.0610, 10.3229, -91.2615 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(72, 225, 197)` looks like.

```
.text, #text, p{  
    color:rgb(72, 225, 197)  
}
```

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(72, 225, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 225, 197) }
```

Border

The CSS property to change the border of an element to YUV 176.0610, 10.3229, -91.2615 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(72, 225, 197) }
```


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

```
.border{ border-color:rgb(72, 225, 197) }
```

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

Here you see how a box with a 4 pixel rgb(72, 225, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 225, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 225, 197);  
box-shadow:4px 4px 4px 4px rgb(72, 225,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 176.0610, 10.3229, -91.2615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 225, 197) }
```

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

```
.background{ background-color: rgb(72, 225,  
197) }
```

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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