

Converting Colors

YUV(168.6330, 26.3099,
-85.6241)

Have a look what the booklet for
YUV(168.6330, 26.3099, -85.6241)
contains.

| | |
|--|----|
| YUV(168.6330, 26.3099, -85.6241) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(168.6330, 26.3099,
-85.6241)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 47D0DE |
| RGB | 71, 208, 222 |
| RGB Percent | 28%, 82%, 87% |
| CMY | 0.7216, 0.1843, 0.1294 |
| CMYK | 0.68, 0.06, 0.00, 0.13 |
| HSL | 186°, 70%, 57% |
| HSV | 186°, 68%, 87% |
| XYZ | 38.3392, 51.7253, 77.0705 |
| YIQ | 168.6330, -86.1460, -24.6900 |

Conversions

Conversions Part 2

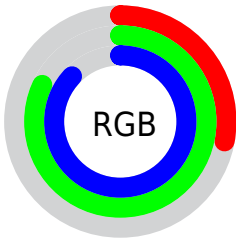
| Format | Color |
|-------------------------------------|--|
| RYB | 71, 143, 222 |
| Decimal | 4706526 |
| CIELab | 77.12, -31.93, -17.70 |
| CIELCh | 77, 36.504, 208.996 |
| Yxy | 51.7253, 0.2294, 0.3095 |
| Android (android.graphics.Color) | 4282896606 (0xFF47D0DE) |
| YUV | 168.6330, 26.3099, -85.6241 |
| Hunter-Lab | 71.9203, -30.7058, -13.1916 |

Details

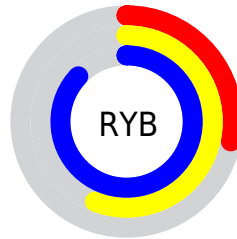
The YUV color **168.6330, 26.3099, -85.6241** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **124.3670, -26.3099, 85.6241**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0170, 17.2466, -71.9289**, and **108.8490, 28.6684, -95.4606** is the 20% darker color. If you saturate the color by 10%, you get **160.8810, 30.1317, -98.1196**, and if you desaturate by 10%, it is **176.3850, 22.4882, -73.1286**.

Distribution



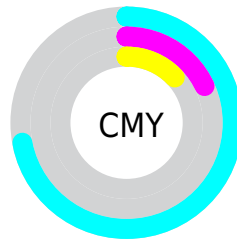
- Red (28%)
- Green (82%)
- Blue (87%)



- Red (28%)
- Yellow (56%)
- Blue (87%)



- Cyan (68%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (72%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6330, 26.3099, -85.6241 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 168.6330, 26.3099, -85.6241 by changing the saturation by 10% instead.

168.6330, 26.3099,
-85.6241

168.6330, 26.3099,
-85.6241

255.0000, 0.0000,
0.0000

134.0550, 29.5529,
-99.1492

220.0170, 17.2466,
-71.9289

108.8490, 28.6684,
-95.4606

228.9870, 12.8244,
-53.4856

90.6230, 24.8359,
-79.4764

238.2560, 8.2548,
-34.4275

72.3970, 21.0033,
-63.4922

247.5250, 3.6852,
-15.3694

55.4590, 17.0287,
-48.6375

38.7490, 13.9277,
-33.9829

25.0880, 9.8166,

-22.0022

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 168.6330, 26.3099,
-85.6241

■ 168.6330, 26.3099,
-85.6241

■ 160.8810, 30.1317,
-98.1196

■ 176.3850, 22.4882,
-73.1286

■ 153.1290, 33.9534,
-110.6151

■ 184.1370, 18.6665,
-60.6331

■ 145.0780, 37.9225,
-123.7254

■ 192.1880, 14.6973,
-47.5229

■ 143.2950, 38.8016,
-125.6697

■ 199.9400, 10.8756,
-35.0274

■ 207.6920, 7.0538,
-22.5319

■ 215.4440, 3.2321,
-10.0364

■ 223.1960, -0.5896,
2.4591

■ 231.2470, -4.5588,
15.5694

■ 234.8020, -6.3114,
17.7136

Harmonies

Analogous

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



173.7160, 7.0420, -65.5259



168.6330, 26.3099, -85.6241



174.5280, 35.7287, -73.2541

Triad

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



168.6330, 26.3099, -85.6241



195.5090, 15.0321, 32.0026



188.6630, -32.3719, 23.0975

Complementary

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



168.6330, 26.3099, -85.6241



124.3670, -26.3099, 85.6241

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.



190.9460, -28.0744, 44.7744



168.6330, 26.3099, -85.6241



194.8030, -0.8889, 51.9158

Square

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



168.6330, 26.3099, -85.6241



192.9270, 27.6440, 0.0640



192.4000, -16.4662, 54.9002



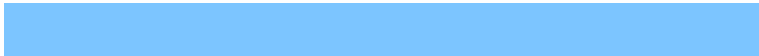
184.5670, -26.9015, -4.8823

Rectangle

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



168.6330, 26.3099, -85.6241



181.7850, 36.0950, -50.6774



192.4000, -16.4662, 54.9002



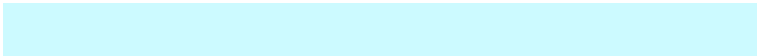
189.4190, -32.2516, 31.2045

Sweetspot

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



168.6330, 26.3099, -85.6241



236.8160, 8.9647, -28.7796



161.1190, -38.0197, -79.0344



116.9700, 5.4378, -17.5137



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.



168.6330, 26.3099, -85.6241



181.3560, 36.3065, -118.7072



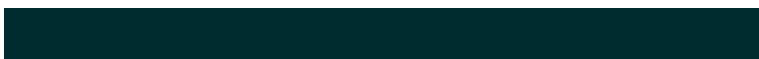
125.1950, 47.7249, -47.5290



108.1240, 1.9109, -6.2477



113.9840, 30.5739, -99.9640



31.3000, 8.2331, -27.4501

Inverse Universe

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



131.7670, 37.5829, 79.1343



130.1510, 52.1836, 109.4926



167.8050, -47.7249, 47.5290



105.4290, 2.7465, 5.7628



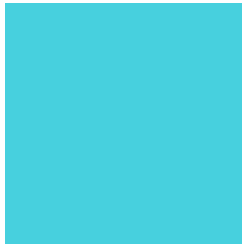
70.8640, 43.9440, 92.2043



19.3680, 12.1436, 25.1103

Previews

White Background



This preview shows how the YUV color 168.6330, 26.3099, -85.6241 looks on a white background.

Color Contrast Check

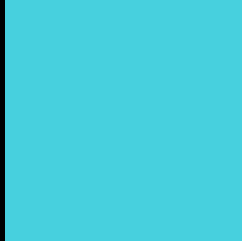
Large Text (above 18pt) WCAG AA × Fail

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 168.6330, 26.3099, -85.6241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

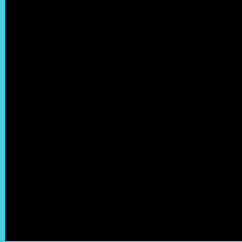
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

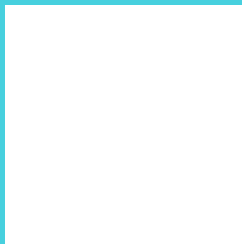
Any Text WCAG AAA ✓ Pass

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

YUV 168.6330, 26.3099, -85.6241 Background



This preview shows how black text looks on a background with the YUV color 168.6330, 26.3099, -85.6241.



This preview shows how white text looks on a background with the YUV color 168.6330, 26.3099, -85.6241.

-85.6241.

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

168.6330, 26.3099, -85.6241

Protanopia

189.7960, 9.4676, -3.3291

Deuteranopia

190.6850, 17.9033, -2.3547



Tritanopia

169.1600, 27.0361, -85.2093

Trichromacy



Original Color

168.6330, 26.3099, -85.6241



Protanomaly

181.9170, 15.8169, -33.2532



Deuteranomaly

182.2960, 21.0531, -32.7086



Tritanomaly

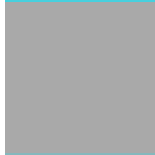
169.0460, 26.5993, -85.1093

Monochromacy



Original Color

168.6330, 26.3099, -85.6241



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.6200, 9.5543, -31.2387

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6330, 26.3099, -85.6241 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(71, 208, 222)` looks like.

```
.text, #text, p{  
    color:rgb(71, 208, 222)  
}
```

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(71, 208, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 208, 222) }
```

Border

The CSS property to change the border of an element to YUV 168.6330, 26.3099, -85.6241 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(71, 208, 222) }
```


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

```
.border{ border-color:rgb(71, 208, 222) }
```

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

Here you see how a box with a 4 pixel rgb(71, 208, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 208, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 208, 222);  
box-shadow:4px 4px 4px 4px rgb(71, 208,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 168.6330, 26.3099, -85.6241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 208, 222) }
```

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

```
.background{ background-color: rgb(71, 208,  
222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor