

Converting Colors

YUV(167.3540, 16.0945,
-75.7325)

Have a look what the booklet for
YUV(167.3540, 16.0945, -75.7325)
contains.

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Color

**YUV(167.3540, 16.0945,
-75.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	51CDC8
RGB	81, 205, 200
RGB Percent	32%, 80%, 78%
CMY	0.6824, 0.1961, 0.2157
CMYK	0.60, 0.00, 0.02, 0.20
HSL	178°, 55%, 56%
HSV	178°, 60%, 80%
XYZ	35.6500, 49.5821, 62.3349
YIQ	167.3540, -72.2990, -27.8430

Conversions

Conversions Part 2

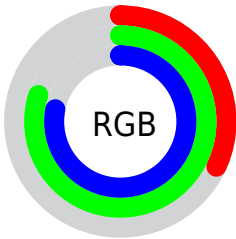
Format	Color
RYB	81, 144, 205
Decimal	5361096
CIELab	75.81, -35.15, -7.77
CIELCh	76, 36.003, 192.466
Yxy	49.5821, 0.2416, 0.3360
Android (android.graphics.Color)	4283551176 (0xFF51CDC8)
YUV	167.3540, 16.0945, -75.7325
Hunter-Lab	70.4146, -32.8532, -3.1967

Details

The YUV color **167.3540, 16.0945, -75.7325** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **118.6460, -16.0945, 75.7325**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5120, 16.5096, -68.8550**, and **104.6940, 20.3639, -91.8166** is the 20% darker color. If you saturate the color by 10%, you get **160.9610, 18.7532, -88.5428**, and if you desaturate by 10%, it is **173.4480, 13.5831, -63.5369**.

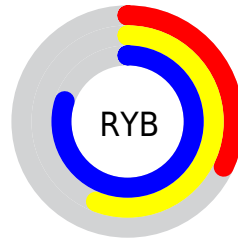
Distribution



Red (32%)

Green (80%)

Blue (78%)



Red (32%)

Yellow (56%)

Blue (80%)

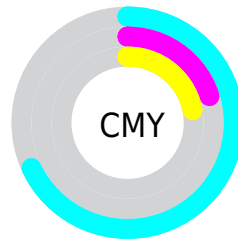


Cyan (60%)

Magenta (0%)

Yellow (2%)

Black (20%)



Cyan (68%)

Magenta (20%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.3540, 16.0945, -75.7325 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 167.3540, 16.0945, -75.7325 by changing the saturation by 10% instead.

■ 167.3540, 16.0945,
-75.7325

■ 167.3540, 16.0945,
-75.7325

■ 255.0000, 0.0000,
0.0000

■ 136.7770, 17.8579,
-81.3654

■ 221.5120, 16.5096,
-68.8550

■ 104.6940, 20.3639,
-91.8166

■ 230.4820, 12.0874,
-50.4117

■ 86.4680, 16.5313,
-75.8324

■ 239.4520, 7.6652,
-31.9684

■ 68.4700, 13.5723,
-60.0482

■ 248.4220, 3.2430,
-13.5251

■ 51.6460, 10.0345,
-45.2935

■ 35.0500, 7.3704,
-30.7388

■ 20.3290, 4.2748,

-17.8285

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 167.3540, 16.0945,
-75.7325

■ 167.3540, 16.0945,
-75.7325

■ 160.9610, 18.7532,
-88.5428

■ 173.4480, 13.5831,
-63.5369

■ 154.8670, 21.2646,
-100.7384

■ 179.8410, 10.9244,
-50.7266

■ 148.5880, 24.3601,
-113.6487

■ 186.1200, 7.8288,
-37.8162

■ 142.7930, 26.7241,
-125.2295

■ 192.2140, 5.3175,
-25.6207

■ 198.6070, 2.6587,
-12.8103

■ 204.7010, 0.1474,
-0.6148

■ 210.7950, -2.3639,
11.5808

■ 217.1880, -5.0227,
24.3911

■ 220.1780, -6.4968,
30.5389

Harmonies

Analogous

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



173.6660, -3.7793, -47.9421



167.3540, 16.0945, -75.7325



166.4360, 31.8301, -82.8204

Triad

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



167.3540, 16.0945, -75.7325



190.9460, 22.2116, 15.8334



186.4950, -30.8100, 35.5229

Complementary

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



167.3540, 16.0945, -75.7325



118.6460, -16.0945, 75.7325

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.



188.2980, -21.8389, 51.4817



167.3540, 16.0945, -75.7325



191.7400, 8.0162, 42.3240

Square

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



167.3540, 16.0945, -75.7325



185.9460, 32.0716, -20.1236



190.2780, -8.0251, 54.1302



183.3410, -30.7341, 11.1019

Rectangle

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



167.3540, 16.0945, -75.7325



172.5610, 35.7124, -68.0210



190.2780, -8.0251, 54.1302



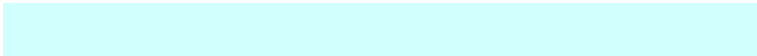
187.1090, -28.6477, 42.0004

Sweetspot

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



167.3540, 16.0945, -75.7325



241.0180, 5.9071, -28.0798



155.5820, -36.7689, -60.1464



119.1010, 3.4012, -17.6286



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.



167.3540, 16.0945, -75.7325



198.4740, 23.9233, -113.5487



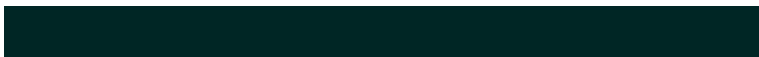
135.0520, 34.4844, -47.4036



99.0100, 1.4741, -6.1478



115.5680, 21.4120, -101.3531



26.5240, 5.1647, -23.2615

Inverse Universe

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



118.6460, -16.0945, 75.7325



125.4120, -24.3601, 113.6487



150.9480, -34.4844, 47.4036



94.9900, -1.4741, 6.1478



50.4320, -21.4120, 101.3531



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 167.3540, 16.0945, -75.7325 looks on a white background.

Color Contrast Check

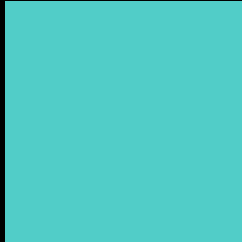
Large Text (above 18pt) WCAG AA × Fail

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 167.3540, 16.0945, -75.7325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

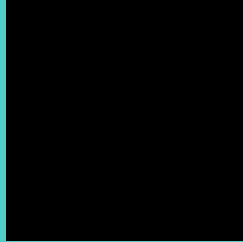
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.3540, 16.0945, -75.7325

Background



This preview shows how black text looks on a background with the YUV color 167.3540, 16.0945, -75.7325.



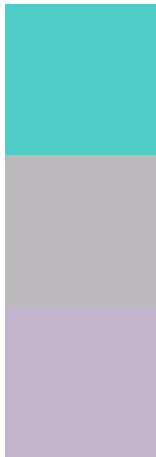
This preview shows how white text looks on a background with the YUV color 167.3540, 16.0945, -75.7325.

-75.7325.

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

167.3540, 16.0945, -75.7325

Protanopia

186.2390, 0.8682, 1.5444

Deuteranopia

187.0360, 8.8563, 6.1074



Tritanopia

170.1510, 24.0826, -71.1694

Trichromacy



Original Color

167.3540, 16.0945, -75.7325



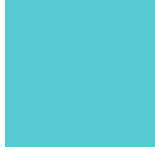
Protanomaly

179.1430, 6.3385, -26.4354



Deuteranomaly

179.8320, 11.4218, -23.5317



Tritanomaly

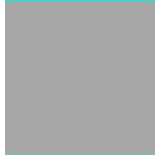
169.0430, 21.1778, -72.8287

Monochromacy



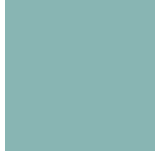
Original Color

167.3540, 16.0945, -75.7325



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.3170, 5.7597, -27.4650

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.3540, 16.0945, -75.7325 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(81, 205, 200)` looks like.

```
.text, #text, p{  
    color:rgb(81, 205, 200)  
}
```

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(81, 205, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 205, 200) }
```

Border

The CSS property to change the border of an element to YUV 167.3540, 16.0945, -75.7325 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(81, 205, 200) }
```


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

```
.border{ border-color:rgb(81, 205, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 205, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 205, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 205, 200);  
box-shadow:4px 4px 4px 4px rgb(81, 205,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 167.3540, 16.0945, -75.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 205, 200) }
```

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

```
.background{ background-color: rgb(81, 205,  
200) }
```

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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