

Converting Colors

YUV(123.5750, 0.7025,
-85.5733)

Have a look what the booklet for
YUV(123.5750, 0.7025, -85.5733)
contains.

YUV(123.5750, 0.7025, -85.5733)	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(123.5750, 0.7025,
-85.5733)**

Conversions

Conversions Part 1

Format	Color
Hex	1AAD7D
RGB	26, 173, 125
RGB Percent	10%, 68%, 49%
CMY	0.8980, 0.3216, 0.5098
CMYK	0.85, 0.00, 0.28, 0.32
HSL	160°, 74%, 39%
HSV	160°, 85%, 68%
XYZ	19.0712, 31.5874, 24.4939
YIQ	123.5750, -72.2040, -46.0920

Conversions

Conversions Part 2

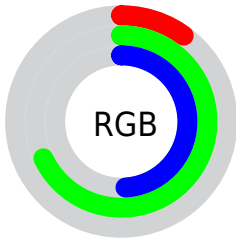
Format	Color
RYB	26, 114, 173
Decimal	1748349
CIELab	63.00, -47.80, 14.57
CIELCh	63, 49.972, 163.047
Yxy	31.5874, 0.2538, 0.4203
Android (android.graphics.Color)	4279938429 (0xFF1AAD7D)
YUV	123.5750, 0.7025, -85.5733
Hunter-Lab	56.2027, -37.7843, 13.5025

Details

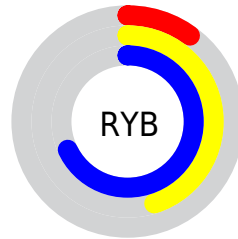
The YUV color **123.5750, 0.7025, -85.5733** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **75.4250, -0.7025, 85.5733**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6150, -3.2612, -74.2074**, and **78.5170, -1.2409, -68.8594** is the 20% darker color. If you saturate the color by 10%, you get **117.8080, 0.5877, -95.4246**, and if you desaturate by 10%, it is **129.3420, 0.8174, -75.7219**.

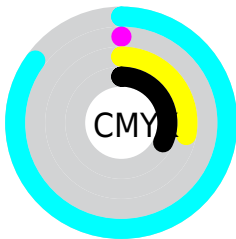
Distribution



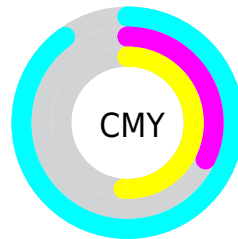
- Red (10%)
- Green (68%)
- Blue (49%)



- Red (10%)
- Yellow (45%)
- Blue (68%)



- Cyan (85%)
- Magenta (0%)
- Yellow (28%)
- Black (32%)




- Cyan (90%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5750, 0.7025, -85.5733 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 123.5750, 0.7025, -85.5733 by changing the saturation by 10% instead.


 123.5750, 0.7025,
-85.5733


 123.5750, 0.7025,
-85.5733


255.0000, 0.0000,
0.0000

 97.1020, 1.4287,
-85.1585


 184.6150, -3.2612,
-74.2074

 78.5170, -1.2409,
-68.8594


 211.9250, -3.4140,
-71.8482


 61.2200, -4.0525,
-53.6899


 224.0870, 4.3941,
-56.2043

 44.0370, -6.4272,
-38.6204

 235.2660, 9.7289,
-40.5753

 28.0280, -9.3808,
-24.5806

 244.2360, 5.3067,
-22.1320

 10.5660, -5.2090,
-9.2664

 253.5050, 0.7370,

 0.0000, 0.0000,

-3.0739

0.0000

■ 123.5750, 0.7025,
-85.5733

■ 123.5750, 0.7025,
-85.5733

■ 117.8080, 0.5877,
-95.4246

■ 129.3420, 0.8174,
-75.7219

■ 114.8890, 1.0407,
-100.7577

■ 135.2940, 0.3481,
-65.1558

■ 141.0610, 0.4629,
-55.3045

■ 146.8280, 0.5778,
-45.4532

■ 152.7800, 0.1085,
-34.8871

■ 158.5470, 0.2233,
-25.0357

■ 164.3140, 0.3382,
-15.1844

■ 169.9670, 0.0163,
-5.2331

■ 176.0330, -0.0163,
5.2331

Harmonies

Analogous

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



140.6090, -27.4152, -26.8441



123.5750, 0.7025, -85.5733



122.2190, 24.0490, -107.1861

Triad

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



123.5750, 0.7025, -85.5733



149.0720, 44.3345, -33.3891



151.6650, -28.4288, 65.1918

Complementary

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



123.5750, 0.7025, -85.5733



75.4250, -0.7025, 85.5733

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.



152.8720, -8.8109, 72.9033



123.5750, 0.7025, -85.5733



157.0420, 30.0523, 21.0112

Square

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



123.5750, 0.7025, -85.5733



123.2860, 56.0610, -108.1218



155.7510, 11.4618, 57.2234



149.7920, -41.3095, 43.1554

Rectangle

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



123.5750, 0.7025, -85.5733



124.9380, 37.0056, -109.5706



155.7510, 11.4618, 57.2234



151.8920, -22.6248, 70.2547

Sweetspot

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



123.5750, 0.7025, -85.5733



205.2040, 0.3924, -32.6279



126.9400, -49.7634, -45.5514



100.8790, 0.0597, -19.1879



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



123.5750, 0.7025, -85.5733



148.7020, 1.1329, -130.4117



114.3720, 28.9036, -77.5022



83.9670, 0.0163, -5.2331



99.5640, 0.7079, -87.3176



15.2110, -0.1040, -13.3400

Inverse Universe

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



75.4250, -0.7025, 85.5733



75.2980, -1.1329, 130.4117



84.0410, -28.6142, 78.0170



81.0330, -0.0163, 5.2331



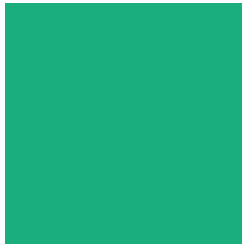
50.4360, -0.7079, 87.3176



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 123.5750, 0.7025, -85.5733 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 123.5750, 0.7025, -85.5733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

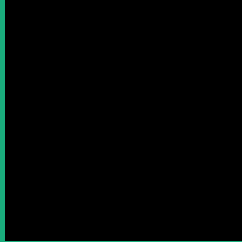
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 123.5750, 0.7025, -85.5733

Background



This preview shows how black text looks on a background with the YUV color 123.5750, 0.7025, -85.5733.



This preview shows how white text looks on a background with the YUV color 123.5750, 0.7025,

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

123.5750, 0.7025, -85.5733

Protanopia

150.1850, -17.3462, 10.3618

Deuteranopia

152.3630, -10.5320, 18.0986



Tritanopia

136.0870, 21.1561, -65.8513

Trichromacy



Original Color

123.5750, 0.7025, -85.5733



Protanomaly

140.6860, -10.6912, -24.2806



Deuteranomaly

142.1580, -6.4869, -19.4326



Tritanomaly

131.6810, 13.4683, -73.3882

Monochromacy



Original Color

123.5750, 0.7025, -85.5733



Achromatopsia

124.0000, 0.0000, 0.0000



Achromatomaly

123.8020, 0.0976, -31.3984

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5750, 0.7025, -85.5733 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(26, 173, 125)` looks like.

```
.text, #text, p{  
    color:rgb(26, 173, 125)  
}
```

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(26, 173, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 173, 125) }
```

Border

The CSS property to change the border of an element to YUV 123.5750, 0.7025, -85.5733 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(26, 173, 125) }
```


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

```
.border{ border-color:rgb(26, 173, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 173, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 173, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 173, 125);  
box-shadow:4px 4px 4px 4px rgb(26, 173,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 123.5750, 0.7025, -85.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 173, 125) }
```

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

```
.background{ background-color: rgb(26, 173,  
125) }
```

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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