

Converting Colors

YUV(173.3440, -85.4586,
63.7193)

Have a look what the booklet for
YUV(173.3440, -85.4586, 63.7193)
contains.

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Color

**YUV(173.3440, -85.4586,
63.7193)**

Conversions

Conversions Part 1

Format	Color
Hex	F6AA00
RGB	246, 170, 0
RGB Percent	96%, 67%, 0%
CMY	0.0353, 0.3333, 1.0000
CMYK	0.00, 0.31, 1.00, 0.04
HSL	41°, 100%, 48%
HSV	41°, 100%, 96%
XYZ	52.3808, 48.3423, 6.5702
YIQ	173.3440, 99.8660, -36.7580

Conversions

Conversions Part 2

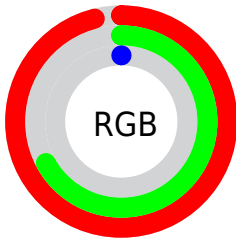
Format	Color
R _Y B	110, 246, 0
Decimal	16165376
CIE Lab	75.04, 17.52, 78.52
CIE LCh	75, 80.451, 77.422
Yxy	48.3423, 0.4882, 0.4506
Android (android.graphics.Color)	4294355456 (0xFFFF6AA00)
YUV	173.3440, -85.4586, 63.7193
Hunter-Lab	69.5286, 12.8014, 43.0673

Details

The YUV color **173.3440, -85.4586, 63.7193** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **72.6560, 85.4586, -63.7193**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.4400, -67.7579, 32.9401**, and **124.2820, -61.2710, 52.3727** is the 20% darker color. If you saturate the color by 10%, you get **173.3440, -85.4586, 63.7193**, and if you desaturate by 10%, it is **180.8900, -76.8538, 57.1015**.

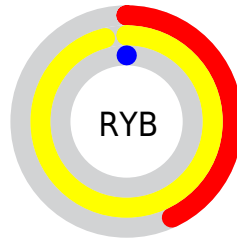
Distribution



Red (96%)

Green (67%)

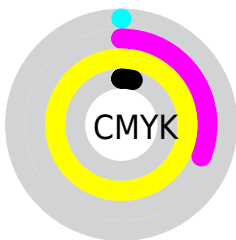
Blue (0%)



Red (43%)

Yellow (96%)

Blue (0%)

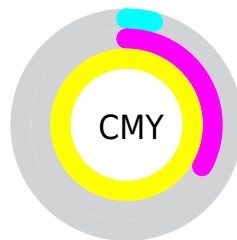


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.3440, -85.4586, 63.7193 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 173.3440, -85.4586, 63.7193 by changing the saturation by 10% instead.

173.3440,
-85.4586, 63.7193

173.3440,
-85.4586, 63.7193

255.0000, 0.0000,
0.0000

148.8130,
-73.3648, 58.0460

217.4400,
-67.7579, 32.9401

124.2820,
-61.2710, 52.3727

237.7690,
-63.4831, 15.1116

100.3380,
-49.4666, 46.1846

241.5480,
-51.5422, 11.7974

77.8670, -38.3884,
39.5816

244.8540,
-38.8750, 8.8980

55.6950, -27.4576,
33.5935

248.0460,
-26.6447, 6.0987

35.2950, -17.4004,
27.8053

251.4660,

14.6070, -7.2013,

-13.5407, 3.0993

23.1467

254.7720, -0.8736,
0.2000

■ 0.0000, 0.0000,
0.0000

■ 173.3440,
-85.4586, 63.7193

■ 180.8900,
-76.8538, 57.1015

■ 187.7350,
-68.3964, 51.0984

■ 195.2810,
-59.7915, 44.4806

■ 202.1260,
-51.3341, 38.4775

■ 209.6720,
-42.7293, 31.8597

■ 217.2180,
-34.1245, 25.2418

■ 224.0630,
-25.6671, 19.2387

■ 231.6090,
-17.0622, 12.6209

■ 238.4540, -8.6048,
6.6178

Harmonies

Analogous

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



166.0290, -43.8913, 78.0276



173.3440, -85.4586, 63.7193



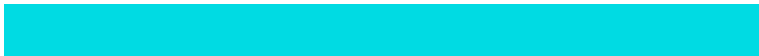
167.3990, -82.5277, 10.1741

Triad

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



173.3440, -85.4586, 63.7193



154.4310, 35.7765, -135.4360



186.5430, 33.7493, 48.6358

Complementary

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



173.3440, -85.4586, 63.7193



72.6560, 85.4586, -63.7193

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.



167.9410, 42.9201, -46.4293



173.3440, -85.4586, 63.7193



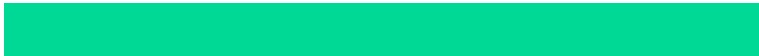
155.2750, 49.1644, -136.1762

Square

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



173.3440, -85.4586, 63.7193



144.4790, 2.7219, -126.7081



147.6440, 52.9265, -129.4838



168.1290, 25.0794, 76.1859

Rectangle

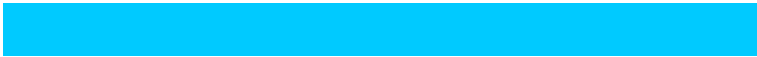
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



173.3440, -85.4586, 63.7193



163.3390, -54.8901, -34.5003



147.6440, 52.9265, -129.4838



183.4320, 35.2830, 23.3001

Sweetspot

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



173.3440, -85.4586, 63.7193



232.2480, -26.2513, 19.9535



82.4460, -2.1919, 143.4369



113.9510, -15.7518, 12.3210



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.



173.3440, -85.4586, 63.7193



179.5570, -88.5216, 66.1635



204.5010, -100.8190, -3.0704



118.8710, -4.3734, 2.7441



131.3370, -64.7491, 47.9395



41.7080, -20.5620, 15.1651

Inverse Universe

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



72.6560, 85.4586, -63.7193



75.4430, 88.5216, -66.1635



41.4990, 100.8190, 3.0704



113.7160, 4.0840, -3.2589



55.2500, 64.4597, -48.4543



17.2920, 20.5620, -15.1651

Previews

White Background



This preview shows how the YUV color 173.3440, -85.4586, 63.7193 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 173.3440, -85.4586, 63.7193 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 173.3440, -85.4586, 63.7193

Background



This preview shows how black text looks on a background with the YUV color 173.3440, -85.4586, 63.7193.



This preview shows how white text looks on a background with the YUV color 173.3440, -85.4586, 63.7193.

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



Protanopia

173.4970, -77.6460, 31.1361

Deuteranopia

173.2780, -85.4261, 53.2532

Tritanopia

187.7730, -8.7621, 57.2041

Trichromacy



Protanomaly

173.1780, -80.4468, 42.8169

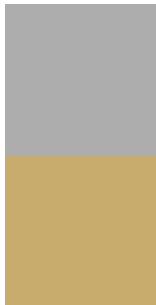
Deuteranomaly

173.3000, -85.4369, 56.7419

Tritanomaly

182.1560, -36.5589, 59.4992

Monochromacy



Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.3040, -31.2089, 23.4124

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.3440, -85.4586, 63.7193 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(246, 170, 0)` looks like.

```
.text, #text, p{  
    color:rgb(246, 170, 0)  
}
```

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(246, 170, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 170, 0) }
```

Border

The CSS property to change the border of an element to YUV 173.3440, -85.4586, 63.7193 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(246, 170, 0) }
```

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

```
.border{ border-color:rgb(246, 170, 0) }
```

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

Here you see how a box with a 4 pixel rgb(246, 170, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 170, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 170, 0);  
box-shadow:4px 4px 4px 4px rgb(246, 170,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 173.3440, -85.4586, 63.7193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 170, 0) }
```

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

```
.background{ background-color: rgb(246,  
170, 0) }
```

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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