

Converting Colors

YUV(170.0660, -83.8425,
58.7011)

Have a look what the booklet for
YUV(170.0660, -83.8425, 58.7011)
contains.

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Color

**YUV(170.0660, -83.8425,
58.7011)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA900
RGB	237, 169, 0
RGB Percent	93%, 66%, 0%
CMY	0.0706, 0.3373, 1.0000
CMYK	0.00, 0.29, 1.00, 0.07
HSL	43°, 100%, 46%
HSV	43°, 100%, 93%
XYZ	49.1130, 46.3805, 6.3638
YIQ	170.0660, 94.7770, -38.1430

Conversions

Conversions Part 2

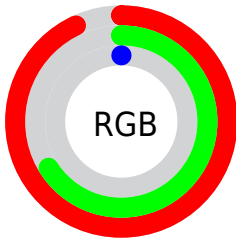
Format	Color
R _Y B	95, 237, 0
Decimal	15575296
CIE Lab	73.79, 14.19, 77.20
CIE LCh	74, 78.492, 79.582
Yxy	46.3805, 0.4822, 0.4553
Android (android.graphics.Color)	4293765376 (0xFFEDA900)
YUV	170.0660, -83.8425, 58.7011
Hunter-Lab	68.1032, 9.5457, 42.1320

Details

The YUV color **170.0660, -83.8425, 58.7011** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **66.9340, 83.8425, -58.7011**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.7390, -67.9053, 33.5549**, and **121.0040, -59.6550, 47.3545** is the 20% darker color. If you saturate the color by 10%, you get **170.0660, -83.8425, 58.7011**, and if you desaturate by 10%, it is **176.9110, -75.3851, 52.6981**.

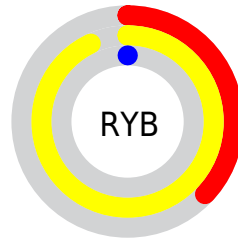
Distribution



Red (93%)

Green (66%)

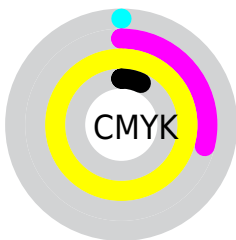
Blue (0%)



Red (37%)

Yellow (93%)

Blue (0%)

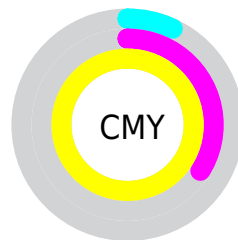


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0660, -83.8425, 58.7011 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 170.0660, -83.8425, 58.7011 by changing the saturation by 10% instead.

170.0660,
-83.8425, 58.7011

170.0660,
-83.8425, 58.7011

255.0000, 0.0000,
0.0000

145.5350,
-71.7488, 53.0278

216.7390,
-67.9053, 33.5549

121.0040,
-59.6550, 47.3545

237.0680,
-63.6305, 15.7264

97.9460, -48.2874,
41.2664

241.4340,
-51.9790, 11.8974

75.1870, -37.0672,
35.7930

244.7400,
-39.3118, 8.9980

53.6020, -26.4258,
29.2900

248.0460,
-26.6447, 6.0987

33.2020, -16.3686,
23.5018

251.3520,

11.9380, -5.8854,

-13.9775, 3.1993

21.1024

254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 170.0660,
-83.8425, 58.7011

■ 176.9110,
-75.3851, 52.6981

■ 183.6420,
-67.3645, 46.7950

■ 189.9000,
-58.6177, 41.3067

■ 196.7450,
-50.1603, 35.3036

■ 203.4760,
-42.1397, 29.4005

■ 210.3210,
-33.6823, 23.3975

■ 217.1660,
-25.2248, 17.3944

■ 223.4240,
-16.4780, 11.9062

■ 230.1550, -8.4574,
6.0031

Harmonies

Analogous

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



165.4590, -46.0753, 78.5275



170.0660, -83.8425, 58.7011



164.2890, -79.0225, 5.8855

Triad

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



170.0660, -83.8425, 58.7011



152.1970, 37.3709, -133.4768



183.9070, 35.0488, 51.8246

Complementary

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



170.0660, -83.8425, 58.7011



66.9340, 83.8425, -58.7011

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.



168.8930, 42.4508, -35.8632



170.0660, -83.8425, 58.7011



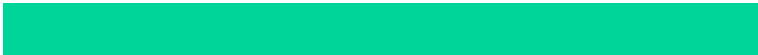
152.3400, 50.6114, -133.6022

Square

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



170.0660, -83.8425, 58.7011



142.4730, 5.1898, -124.9488



144.7090, 54.3735, -126.9098



165.3420, 22.0164, 78.6301

Rectangle

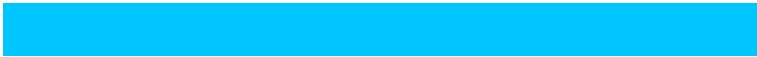
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



170.0660, -83.8425, 58.7011



159.8700, -50.2219, -38.4740



144.7090, 54.3735, -126.9098



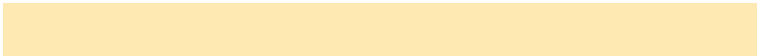
181.3940, 36.2878, 27.7185

Sweetspot

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



170.0660, -83.8425, 58.7011



233.4220, -26.8300, 18.9239



78.9570, -3.9228, 138.6037



114.5380, -16.0412, 11.8062



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.



170.0660, -83.8425, 58.7011



183.0790, -90.2579, 63.0747



195.9290, -96.5930, -5.1997



113.9850, -3.9366, 2.6442



129.8420, -64.0121, 44.8656



38.4520, -18.9568, 13.6356

Inverse Universe

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



66.9340, 83.8425, -58.7011



71.9210, 90.2579, -63.0747



41.0710, 96.5930, 5.1997



109.0150, 3.9366, -2.6442



51.1580, 64.0121, -44.8656



14.9610, 19.2462, -13.1208

Previews

White Background



This preview shows how the YUV color 170.0660, -83.8425, 58.7011 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 170.0660, -83.8425, 58.7011 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 170.0660, -83.8425, 58.7011 Background



This preview shows how black text looks on a background with the YUV color 170.0660, -83.8425, 58.7011.



This preview shows how white text looks on a background with the YUV color 170.0660, -83.8425, 58.7011.

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

170.0660, -83.8425, 58.7011

Protanopia

169.7250, -76.7724, 30.9362

Deuteranopia

169.7340, -83.6789, 52.8533



Tritanopia

184.6800, -7.7302, 52.9006

Trichromacy



Original Color

170.0660, -83.8425, 58.7011

Protanomaly

169.8080, -79.2783, 41.3874

Deuteranomaly

170.0440, -83.8317, 55.2124

Tritanomaly

179.1770, -35.0903, 55.0958

Monochromacy



Original Color

170.0660, -83.8425, 58.7011

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1080, -30.6192, 20.9533

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0660, -83.8425, 58.7011 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(237, 169, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 169, 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(237, 169, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 169, 0) }
```

Border

The CSS property to change the border of an element to YUV 170.0660, -83.8425, 58.7011 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(237, 169, 0) }
```


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

```
.border{ border-color:rgb(237, 169, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 169, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 169, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 169, 0);  
box-shadow:4px 4px 4px 4px rgb(237, 169,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 170.0660, -83.8425, 58.7011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 169, 0) }
```

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

```
.background{ background-color: rgb(237,  
169, 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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