

Converting Colors

YUV(175.5770, -85.5735,
53.8680)

Have a look what the booklet for
YUV(175.5770, -85.5735, 53.8680)
contains.

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Color

**YUV(175.5770, -85.5735,
53.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB202
RGB	237, 178, 2
RGB Percent	93%, 70%, 1%
CMY	0.0706, 0.3020, 0.9922
CMYK	0.00, 0.25, 0.99, 0.07
HSL	45°, 98%, 47%
HSV	45°, 99%, 93%
XYZ	50.8564, 49.8497, 6.9990
YIQ	175.5770, 91.6600, -42.2280

Conversions

Conversions Part 2

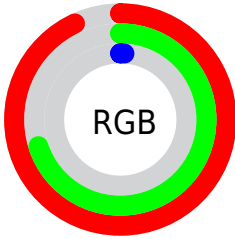
Format	Color
R _Y B	81, 237, 2
Decimal	15577602
CIE Lab	75.98, 9.47, 78.46
CIE LCh	76, 79.034, 83.121
Yxy	49.8497, 0.4722, 0.4628
Android (android.graphics.Color)	4293767682 (0xFFEDB202)
YUV	175.5770, -85.5735, 53.8680
Hunter-Lab	70.6043, 5.0163, 43.5456

Details

The YUV color **175.5770, -85.5735, 53.8680** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **63.4230, 85.5735, -53.8680**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.3640, -69.1995, 28.6218**, and **126.5860, -62.4069, 43.3361** is the 20% darker color. If you saturate the color by 10%, you get **174.7620, -86.1577, 54.5827**, and if you desaturate by 10%, it is **181.8350, -76.8267, 48.3797**.

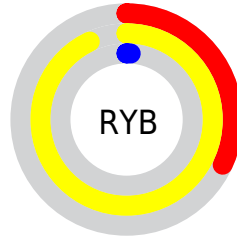
Distribution



Red (93%)

Green (70%)

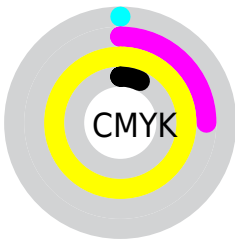
Blue (1%)



Red (32%)

Yellow (93%)

Blue (1%)

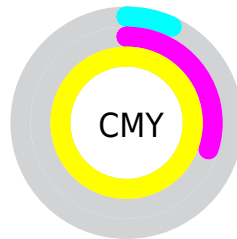


Cyan (0%)

Magenta (25%)

Yellow (99%)

Black (7%)



Cyan (7%)

Magenta (30%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5770, -85.5735, 53.8680 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 175.5770, -85.5735, 53.8680 by changing the saturation by 10% instead.

■ 175.5770,
-85.5735, 53.8680

■ 175.5770,
-85.5735, 53.8680

■ 255.0000, 0.0000,
0.0000

■ 150.2310,
-74.0639, 48.9094

■ 222.3640,
-69.1995, 28.6218

■ 126.5860,
-62.4069, 43.3361

■ 238.4700,
-63.3357, 14.4968

■ 102.9410,
-50.7499, 37.7627

■ 241.7760,
-50.6686, 11.5974

■ 79.8830, -39.3823,
31.6746

■ 245.0820,
-38.0014, 8.6981

■ 58.5970, -28.8883,
25.7864

■ 248.3880,
-25.3343, 5.7987

■ 38.1970, -18.8311,
19.9982

■ 251.6940,

■ 18.3950, -9.0687,

-12.6671, 2.8994

15.4396

■ 0.0000, 0.0000,
0.0000

■ 175.5770,
-85.5735, 53.8680

■ 175.5770,
-85.5735, 53.8680

■ 174.7620,
-86.1577, 54.5827

■ 181.8350,
-76.8267, 48.3797

■ 187.9790,
-68.5166, 42.9914

■ 194.2370,
-59.7698, 37.5032

■ 200.4950,
-51.0230, 32.0149

■ 206.6390,
-42.7130, 26.6266

■ 212.8970,
-33.9662, 21.1383

■ 219.1550,
-25.2194, 15.6501

■ 225.4130,
-16.4726, 10.1618

■ 231.5570, -8.1626,
4.7735

Harmonies

Analogous

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



170.9870, -50.2796, 73.6794



175.5770, -85.5735, 53.8680



170.5960, -71.2858, -2.2767

Triad

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



175.5770, -85.5735, 53.8680



157.4290, 42.1865, -138.0652



188.6690, 32.7012, 58.1723

Complementary

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



175.5770, -85.5735, 53.8680



63.4230, 85.5735, -53.8680

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.



177.5420, 38.1868, -21.5233



175.5770, -85.5735, 53.8680



155.8620, 48.8750, -136.6910

Square

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



175.5770, -85.5735, 53.8680



148.1780, 9.2792, -129.9521



147.0570, 53.2159, -128.9690



167.3480, 19.5484, 76.8708

Rectangle

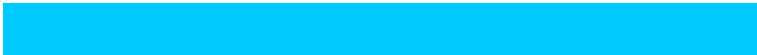
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



175.5770, -85.5735, 53.8680



163.9550, -45.8268, -48.1955



147.0570, 53.2159, -128.9690



187.9500, 33.0557, 37.7549

Sweetspot

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



175.5770, -85.5735, 53.8680



235.1830, -27.6982, 17.3795



79.4470, -7.1224, 138.1740



115.7120, -16.6200, 10.7766



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.



175.5770, -85.5735, 53.8680



188.3620, -92.8625, 58.4415



193.7650, -94.5401, -10.3179



113.9850, -3.9366, 2.6442



133.9510, -66.0378, 41.2620



39.6260, -19.5356, 12.6060

Inverse Universe

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



63.4230, 85.5735, -53.8680



66.6380, 92.8625, -58.4415



45.2350, 94.5401, 10.3179



109.0150, 3.9366, -2.6442



47.0490, 66.0378, -41.2620



13.7870, 19.8250, -12.0912

Previews

White Background



This preview shows how the YUV color 175.5770, -85.5735, 53.8680 looks on a white background.

Color Contrast Check

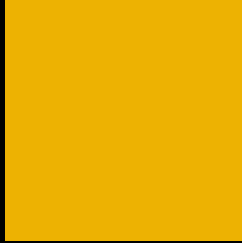
Large Text (above 18pt) WCAG AA × Fail

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 175.5770, -85.5735, 53.8680 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 175.5770, -85.5735, 53.8680

Background



This preview shows how black text looks on a background with the YUV color 175.5770, -85.5735, 53.8680.



This preview shows how white text looks on a background with the YUV color 175.5770, -85.5735, 53.8680.

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

175.5770, -85.5735, 53.8680

Protanopia

175.2260, -79.9774, 32.2508

Deuteranopia

175.8050, -84.6999, 53.6680



Tritanopia

190.7010, -6.2616, 48.4972

Trichromacy



Original Color

175.5770, -85.5735, 53.8680

Protanomaly

175.1130, -81.8937, 40.2429

Deuteranomaly

175.6910, -85.1367, 53.7680

Tritanomaly

185.4430, -35.2214, 50.4775

Monochromacy



Original Color

175.5770, -85.5735, 53.8680

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.9830, -31.0506, 19.3089

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5770, -85.5735, 53.8680 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, 178, 2)` looks like.

```
.text, #text, p{  
    color:rgb(237, 178, 2)  
}
```

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, 178, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 178, 2) }
```

Border

The CSS property to change the border of an element to YUV 175.5770, -85.5735, 53.8680 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, 178, 2) }
```


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

```
.border{ border-color:rgb(237, 178, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 178, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 178, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 178, 2);  
box-shadow:4px 4px 4px 4px rgb(237, 178,  
2) }
```

Background

The CSS property to change the background color of an element to YUV 175.5770, -85.5735, 53.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 178, 2) }
```

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

```
.background{ background-color: rgb(237,  
178, 2) }
```

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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