

Converting Colors

YUV(175.6040, -86.5728,
47.7053)

Have a look what the booklet for
YUV(175.6040, -86.5728, 47.7053)
contains.

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Color

**YUV(175.6040, -86.5728,
47.7053)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B600
RGB	230, 182, 0
RGB Percent	90%, 71%, 0%
CMY	0.0980, 0.2863, 1.0000
CMYK	0.00, 0.21, 1.00, 0.10
HSL	47°, 100%, 45%
HSV	47°, 100%, 90%
XYZ	49.3611, 50.2789, 7.1032
YIQ	175.6040, 87.0300, -46.4260

Conversions

Conversions Part 2

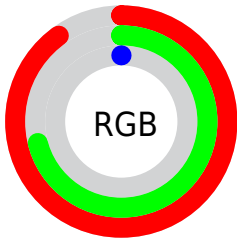
Format	Color
RYB	61, 230, 0
Decimal	15119872
CIELab	76.24, 4.31, 78.52
CIELCh	76, 78.641, 86.855
Yxy	50.2789, 0.4624, 0.4710
Android (android.graphics.Color)	4293309952 (0xFFE6B600)
YUV	175.6040, -86.5728, 47.7053
Hunter-Lab	70.9076, 0.1713, 43.6959

Details

The YUV color **175.6040, -86.5728, 47.7053** 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 **54.3960, 86.5728, -47.7053**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1850, -71.0832, 26.1478**, and **126.8410, -62.5326, 36.9734** is the 20% darker color. If you saturate the color by 10%, you get **175.6040, -86.5728, 47.7053**, and if you desaturate by 10%, it is **181.1610, -77.9734, 42.8318**.

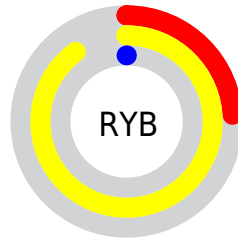
Distribution



Red (90%)

Green (71%)

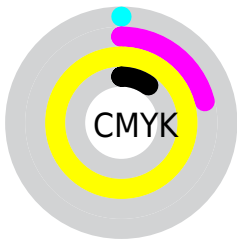
Blue (0%)



Red (24%)

Yellow (90%)

Blue (0%)

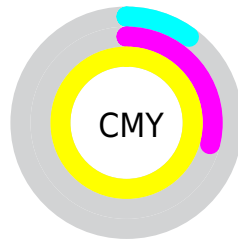


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.6040, -86.5728, 47.7053 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 175.6040, -86.5728, 47.7053 by changing the saturation by 10% instead.

■ 175.6040,
-86.5728, 47.7053

■ 175.6040,
-86.5728, 47.7053

■ 255.0000, 0.0000,
0.0000

■ 150.4860,
-74.1896, 42.5468

■ 225.1850,
-71.0832, 26.1478

■ 126.8410,
-62.5326, 36.9734

■ 238.4700,
-63.3357, 14.4968

■ 103.4950,
-51.0230, 32.0149

■ 241.7760,
-50.6686, 11.5974

■ 80.4370, -39.6554,
25.9268

■ 245.0820,
-38.0014, 8.6981

■ 58.5640, -28.8721,
20.5534

■ 248.3880,
-25.3343, 5.7987

■ 38.4630, -18.9623,
15.3799

■ 251.6940,

■ 19.5470, -9.6367,

-12.6671, 2.8994

10.9213

■ 0.0000, 0.0000,
0.0000

■ 175.6040,
-86.5728, 47.7053

■ 181.1610,
-77.9734, 42.8318

■ 186.7180,
-69.3740, 37.9583

■ 191.6880,
-60.4852, 33.5996

■ 197.2450,
-51.8858, 28.7261

■ 202.8020,
-43.2864, 23.8526

■ 208.3590,
-34.6870, 18.9792

■ 213.9160,
-26.0876, 14.1057

■ 218.8860,
-17.1988, 9.7470

■ 224.4430, -8.5994,
4.8735

Harmonies

Analogous

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



173.2380, -54.3473, 71.7053



175.6040, -86.5728, 47.7053



170.9200, -66.0226, -10.4538

Triad

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



175.6040, -86.5728, 47.7053



158.4550, 46.1177, -138.9650



186.9080, 33.5694, 59.7167

Complementary

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



175.6040, -86.5728, 47.7053



54.3960, 86.5728, -47.7053

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.



181.4620, 36.2542, -8.2982



175.6040, -86.5728, 47.7053



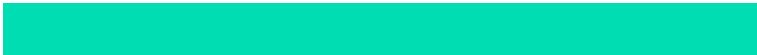
155.2750, 49.1644, -136.1762

Square

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



175.6040, -86.5728, 47.7053



150.0190, 13.7946, -131.5667



145.8830, 53.7947, -127.9394



166.4360, 16.0541, 77.6706

Rectangle

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



175.6040, -86.5728, 47.7053



162.3820, -40.1213, -58.2170



145.8830, 53.7947, -127.9394



189.7770, 32.1549, 46.6766

Sweetspot

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



175.6040, -86.5728, 47.7053



236.9440, -28.5664, 15.8351



74.4700, -12.0637, 136.3998



116.8860, -17.1988, 9.7470



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.



175.6040, -86.5728, 47.7053



194.8190, -96.0458, 52.7787



184.3450, -90.8821, -16.9656



111.8710, -4.3734, 2.7441



136.2880, -67.1900, 37.4584



38.7290, -19.0934, 10.7617

Inverse Universe

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



54.3960, 86.5728, -47.7053



60.1810, 96.0458, -52.7787



45.6550, 90.8821, 16.9656



106.1290, 4.3734, -2.7441



42.1250, 67.4794, -36.9436



12.2710, 19.0934, -10.7617

Previews

White Background



This preview shows how the YUV color 175.6040, -86.5728, 47.7053 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 175.6040, -86.5728, 47.7053 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 175.6040, -86.5728, 47.7053

Background



This preview shows how black text looks on a background with the YUV color 175.6040, -86.5728, 47.7053.



This preview shows how white text looks on a background with the YUV color 175.6040, -86.5728,

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

175.5850, -81.1404, 31.9360

Deuteranopia

177.8310, -80.7687, 52.7682

Tritanopia

191.4120, -4.6401, 41.7347

Trichromacy



Protanomaly

175.4610, -83.0513, 38.1837

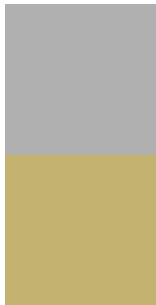
Deuteranomaly

176.9510, -82.7998, 50.9090

Tritanomaly

185.9260, -34.4735, 43.9149

Monochromacy



Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.8580, -31.4820, 17.6645

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.6040, -86.5728, 47.7053 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(230, 182, 0)` looks like.

```
.text, #text, p{  
    color:rgb(230, 182, 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(230, 182, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 182, 0) }
```

Border

The CSS property to change the border of an element to YUV 175.6040, -86.5728, 47.7053 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(230, 182, 0) }
```

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

```
.border{ border-color:rgb(230, 182, 0) }
```

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

Here you see how a box with a 4 pixel rgb(230, 182, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 182, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 182, 0);  
box-shadow:4px 4px 4px 4px rgb(230, 182,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 175.6040, -86.5728, 47.7053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 182, 0) }
```

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

```
.background{ background-color: rgb(230,  
182, 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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