

Converting Colors

YUV(177.0050, -81.3475,
51.7386)

Have a look what the booklet for
YUV(177.0050, -81.3475, 51.7386)
contains.

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Color

**YUV(177.0050, -81.3475,
51.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB30C
RGB	236, 179, 12
RGB Percent	93%, 70%, 5%
CMY	0.0745, 0.2980, 0.9529
CMYK	0.00, 0.24, 0.95, 0.07
HSL	45°, 90%, 49%
HSV	45°, 95%, 93%
XYZ	50.7785, 50.0996, 7.3417
YIQ	177.0050, 87.5790, -39.8530

Conversions

Conversions Part 2

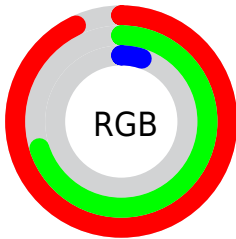
Format	Color
R_{YB}	88, 236, 12
Decimal	15512332
CIE _{Lab}	76.13, 8.60, 77.44
CIE _{LCh}	76, 77.918, 83.665
Yxy	50.0996, 0.4692, 0.4629
Android (android.graphics.Color)	4293702412 (0xFFECB30C)
YUV	177.0050, -81.3475, 51.7386
Hunter-Lab	70.7811, 4.1895, 43.3970

Details

The YUV color **177.0050, -81.3475, 51.7386** 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 **70.9950, 81.3475, -51.7386**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.2930, -68.1784, 27.8070**, and **126.8740, -62.5489, 42.2065** is the 20% darker color. If you saturate the color by 10%, you get **173.8760, -85.7209, 54.4827**, and if you desaturate by 10%, it is **183.2630, -72.6007, 46.2503**.

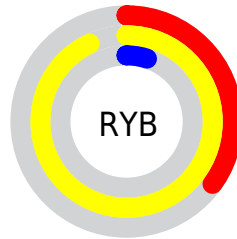
Distribution



Red (93%)

Green (70%)

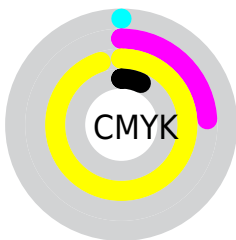
Blue (5%)



Red (35%)

Yellow (93%)

Blue (5%)

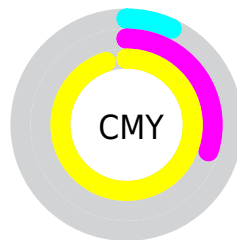


Cyan (0%)

Magenta (24%)

Yellow (95%)

Black (7%)



Cyan (7%)

Magenta (30%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.0050, -81.3475, 51.7386 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 177.0050, -81.3475, 51.7386 by changing the saturation by 10% instead.

■ 177.0050,
-81.3475, 51.7386

■ 177.0050,
-81.3475, 51.7386

■ 255.0000, 0.0000,
0.0000

■ 150.5190,
-74.2059, 47.7798

■ 223.2930,
-68.1784, 27.8070

■ 126.8740,
-62.5489, 42.2065

■ 238.8120,
-62.0253, 14.1969

■ 103.2290,
-50.8919, 36.6332

■ 242.1180,
-49.3582, 11.2975

■ 80.4700, -39.6717,
31.1598

■ 245.3100,
-37.1278, 8.4981

■ 58.8850, -29.0303,
24.6569

■ 248.6160,
-24.4607, 5.5988

■ 38.4850, -18.9731,
18.8687

■ 252.0360,

■ 18.9820, -9.3581,

-11.3567, 2.5994

14.9248

■ 0.0000, 0.0000,
0.0000

■ 177.0050,
-81.3475, 51.7386

■ 177.0050,
-81.3475, 51.7386

■ 173.8760,
-85.7209, 54.4827

■ 183.2630,
-72.6007, 46.2503

■ 189.4070,
-64.2907, 40.8621

■ 195.6650,
-55.5438, 35.3738

■ 201.8090,
-47.2338, 29.9855

■ 208.0670,
-38.4870, 24.4972

■ 214.3250,
-29.7402, 19.0090

■ 220.4690,
-21.4302, 13.6207

■ 226.7270,
-12.6834, 8.1324

■ 232.8710, -4.3734,
2.7441

Harmonies

Analogous

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



172.3890, -49.9848, 72.4498



177.0050, -81.3475, 51.7386



171.9810, -68.5176, -3.4913

Triad

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



177.0050, -81.3475, 51.7386



157.5430, 42.6233, -138.1652



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.



177.0050, -81.3475, 51.7386



70.9950, 81.3475, -51.7386

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.



178.7380, 37.5972, -19.0642



177.0050, -81.3475, 51.7386



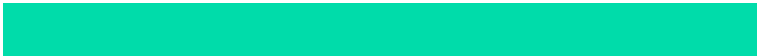
155.2750, 49.1644, -136.1762

Square

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



177.0050, -81.3475, 51.7386



148.5200, 10.5896, -130.2520



147.0570, 53.2159, -128.9690



168.4080, 18.5329, 75.9412

Rectangle

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



177.0050, -81.3475, 51.7386



164.4110, -44.0796, -48.5954



147.0570, 53.2159, -128.9690



188.5480, 32.7608, 38.9844

Sweetspot

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



177.0050, -81.3475, 51.7386



236.3400, -25.8036, 16.3648



85.8160, -6.8113, 131.7114



115.9400, -15.7464, 10.5766



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.



177.0050, -81.3475, 51.7386



187.7750, -92.5731, 58.9563



194.9160, -90.1776, -9.5733



113.9850, -3.9366, 2.6442



133.3640, -65.7485, 41.7768



39.6260, -19.5356, 12.6060

Inverse Universe

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



70.9950, 81.3475, -51.7386



67.2250, 92.5731, -58.9563



53.0840, 90.1776, 9.5733



109.0150, 3.9366, -2.6442



47.6360, 65.7485, -41.7768



14.3740, 19.5356, -12.6060

Previews

White Background



This preview shows how the YUV color 177.0050, -81.3475, 51.7386 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 177.0050, -81.3475, 51.7386 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 177.0050, -81.3475, 51.7386

Background



This preview shows how black text looks on a background with the YUV color 177.0050, -81.3475, 51.7386.



This preview shows how white text looks on a background with the YUV color 177.0050, -81.3475, 51.7386.

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

177.0050, -81.3475, 51.7386

Protanopia

176.2690, -78.5196, 31.3361

Deuteranopia

177.2440, -80.4793, 53.2830



Tritanopia

191.1030, -5.9668, 47.2677

Trichromacy



Original Color

177.0050, -81.3475, 51.7386

Protanomaly

176.3840, -79.5623, 39.1282

Deuteranomaly

176.8310, -80.7687, 52.7682

Tritanomaly

186.1870, -33.6162, 48.9480

Monochromacy



Original Color

177.0050, -81.3475, 51.7386

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.0260, -29.5928, 18.3942

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.0050, -81.3475, 51.7386 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(236, 179, 12)` looks like.

```
.text, #text, p{  
    color:rgb(236, 179, 12)  
}
```

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(236, 179, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 179, 12) }
```

Border

The CSS property to change the border of an element to YUV 177.0050, -81.3475, 51.7386 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(236, 179, 12) }
```


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

```
.border{ border-color:rgb(236, 179, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 179, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 179, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 179, 12);  
box-shadow:4px 4px 4px 4px rgb(236, 179,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 177.0050, -81.3475, 51.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 179, 12) }
```

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

```
.background{ background-color: rgb(236,  
179, 12) }
```

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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