

Converting Colors

YUV(177.7400, -86.1468,
51.0940)

Have a look what the booklet for
YUV(177.7400, -86.1468, 51.0940)
contains.

YUV(177.7400, -86.1468, 51.0940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(177.7400, -86.1468,
51.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB603
RGB	236, 182, 3
RGB Percent	93%, 71%, 1%
CMY	0.0745, 0.2863, 0.9882
CMYK	0.00, 0.23, 0.99, 0.07
HSL	46°, 97%, 47%
HSV	46°, 99%, 93%
XYZ	51.3365, 51.2953, 7.2814
YIQ	177.7400, 89.6430, -44.2210

Conversions

Conversions Part 2

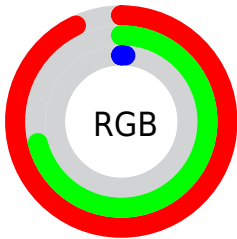
Format	Color
R _Y B	73, 236, 3
Decimal	15513091
CIE Lab	76.86, 6.94, 78.92
CIE LCh	77, 79.224, 84.972
Yxy	51.2953, 0.4671, 0.4667
Android (android.graphics.Color)	4293703171 (0xFFECB603)
YUV	177.7400, -86.1468, 51.0940
Hunter-Lab	71.6208, 2.6092, 44.1067

Details

The YUV color **177.7400, -86.1468, 51.0940** 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 **61.2600, 86.1468, -51.0940**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.4130, -70.2096, 25.9478**, and **128.6350, -63.4171, 40.6621** is the 20% darker color. If you saturate the color by 10%, you get **176.8110, -87.1678, 51.9088**, and if you desaturate by 10%, it is **183.4110, -77.1106, 46.1206**.

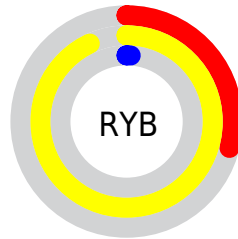
Distribution



Red (93%)

Green (71%)

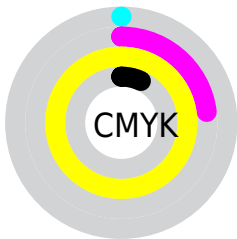
Blue (1%)



Red (29%)

Yellow (93%)

Blue (1%)

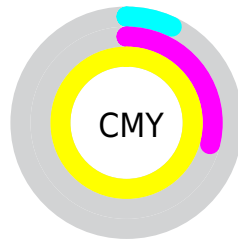


Cyan (0%)

Magenta (23%)

Yellow (99%)

Black (7%)



Cyan (7%)

Magenta (29%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7400, -86.1468, 51.0940 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 177.7400, -86.1468, 51.0940 by changing the saturation by 10% instead.

177.7400,
-86.1468, 51.0940

177.7400,
-86.1468, 51.0940

255.0000, 0.0000,
0.0000

152.2800,
-75.0740, 46.2354

225.4130,
-70.2096, 25.9478

128.6350,
-63.4171, 40.6621

238.6980,
-62.4621, 14.2969

104.9900,
-51.7601, 35.0888

241.8900,
-50.2318, 11.4975

82.2310, -40.5399,
29.6154

245.1960,
-37.5646, 8.5981

60.0590, -29.6091,
23.6273

248.5020,
-24.8975, 5.6987

39.6590, -19.5519,
17.8391

251.8080,

20.7430, -10.2263,

-12.2303, 2.7994

13.3804

■ 0.0000, 0.0000,
0.0000

■ 177.7400,
-86.1468, 51.0940

■ 177.7400,
-86.1468, 51.0940

■ 176.8110,
-87.1678, 51.9088

■ 183.4110,
-77.1106, 46.1206

■ 189.5550,
-68.8006, 40.7323

■ 195.2260,
-59.7644, 35.7588

■ 201.3700,
-51.4544, 30.3705

■ 207.0410,
-42.4182, 25.3970

■ 213.2990,
-33.6714, 19.9088

■ 218.8560,
-25.0720, 15.0353

■ 225.1140,
-16.3252, 9.5470

■ 230.6710, -7.7258,
4.6735

Harmonies

Analogous

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



173.2210, -51.8740, 71.7202



177.7400, -86.1468, 51.0940



173.1440, -69.0910, -6.2653

Triad

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



177.7400, -86.1468, 51.0940



159.9880, 44.3759, -140.3095



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.



177.7400, -86.1468, 51.0940



61.2600, 86.1468, -51.0940

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.



181.7170, 36.1285, -14.6608



177.7400, -86.1468, 51.0940



157.0360, 48.2963, -137.7206

Square

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



177.7400, -86.1468, 51.0940



150.8510, 11.9055, -132.2963



147.6440, 52.9265, -129.4838



168.2940, 18.0961, 76.0412

Rectangle

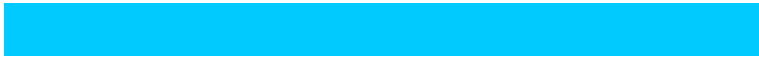
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177.7400, -86.1468, 51.0940



165.2040, -43.4846, -52.7989



147.6440, 52.9265, -129.4838



190.3420, 31.8764, 42.6731

Sweetspot

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



177.7400, -86.1468, 51.0940



235.7700, -27.9876, 16.8647



78.8230, -10.7587, 137.8442



116.2990, -16.9094, 10.2618



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.



177.7400, -86.1468, 51.0940



191.2970, -94.3094, 55.8675



190.9000, -92.6347, -14.8213



114.5720, -4.2260, 2.1294



135.7120, -66.9060, 39.7176



40.2130, -19.8250, 12.0912

Inverse Universe

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



61.2600, 86.1468, -51.0940



63.7030, 94.3094, -55.8675



48.1000, 92.6347, 14.8213



108.4280, 4.2260, -2.1294



45.2880, 66.9060, -39.7176



13.2000, 20.1144, -11.5764

Previews

White Background



This preview shows how the YUV color 177.7400, -86.1468, 51.0940 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 177.7400, -86.1468, 51.0940 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 177.7400, -86.1468, 51.0940

Background



This preview shows how black text looks on a background with the YUV color 177.7400, -86.1468, 51.0940.



This preview shows how white text looks on a background with the YUV color 177.7400, -86.1468, 51.0940.

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

177.7400, -86.1468, 51.0940

Protanopia

177.4710, -81.5772, 32.0359

Deuteranopia

178.6740, -82.6633, 53.7829



Tritanopia

193.2060, -5.5246, 45.4233

Trichromacy



Original Color

177.7400, -86.1468, 51.0940

Protanomaly

177.7600, -83.1987, 38.7985

Deuteranomaly

178.6200, -84.1157, 52.9533

Tritanomaly

187.8340, -34.9212, 47.5036

Monochromacy



Original Color

177.7400, -86.1468, 51.0940

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.5700, -31.3400, 18.7941

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7400, -86.1468, 51.0940 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, 182, 3)` looks like.

```
.text, #text, p{  
    color:rgb(236, 182, 3)  
}
```

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, 182, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 182, 3) }
```

Border

The CSS property to change the border of an element to YUV 177.7400, -86.1468, 51.0940 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, 182, 3) }
```


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

```
.border{ border-color:rgb(236, 182, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 182, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 182, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 182, 3);  
box-shadow:4px 4px 4px 4px rgb(236, 182,  
3) }
```

Background

The CSS property to change the background color of an element to YUV 177.7400, -86.1468, 51.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 182, 3) }
```

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

```
.background{ background-color: rgb(236,  
182, 3) }
```

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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