

Converting Colors

YUV(183.7660, -85.6666,
37.0392)

Have a look what the booklet for
YUV(183.7660, -85.6666, 37.0392)
contains.

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Color

**YUV(183.7660, -85.6666,
37.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C40A
RGB	226, 196, 10
RGB Percent	89%, 77%, 4%
CMY	0.1137, 0.2314, 0.9608
CMYK	0.00, 0.13, 0.96, 0.11
HSL	52°, 92%, 46%
HSV	52°, 96%, 89%
XYZ	51.1587, 55.6705, 8.3363
YIQ	183.7660, 77.5860, -51.4860

Conversions

Conversions Part 2

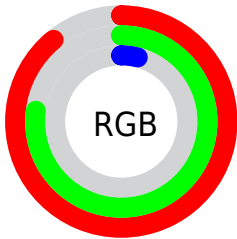
Format	Color
RYB	45, 226, 10
Decimal	14861322
CIELab	79.43, -4.60, 79.60
CIELCh	79, 79.735, 93.305
Yxy	55.6705, 0.4442, 0.4834
Android (android.graphics.Color)	4293051402 (0xFFE2C40A)
YUV	183.7660, -85.6666, 37.0392
Hunter-Lab	74.6127, -8.1823, 45.6046

Details

The YUV color **183.7660, -85.6666, 37.0392** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed yellow. A complement of this color would be **52.2340, 85.6666, -37.0392**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0870, -72.5139, 18.3407**, and **133.5750, -65.8525, 28.4367** is the 20% darker color. If you saturate the color by 10%, you get **182.0390, -89.7452, 38.5538**, and if you desaturate by 10%, it is **188.1490, -76.4885, 33.1953**.

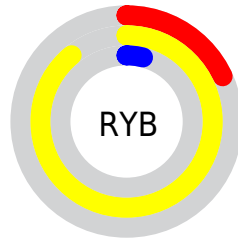
Distribution



Red (89%)

Green (77%)

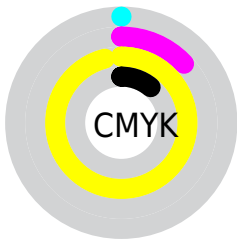
Blue (4%)



Red (18%)

Yellow (89%)

Blue (4%)

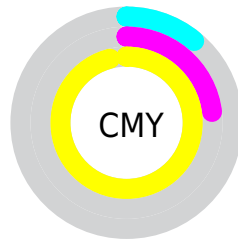


Cyan (0%)

Magenta (13%)

Yellow (96%)

Black (11%)



Cyan (11%)

Magenta (23%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.7660, -85.6666, 37.0392 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 183.7660, -85.6666, 37.0392 by changing the saturation by 10% instead.

■ 183.7660,
-85.6666, 37.0392

■ 183.7660,
-85.6666, 37.0392

■ 255.0000, 0.0000,
0.0000

■ 157.8070,
-77.7989, 33.4953

■ 234.0870,
-72.5139, 18.3407

■ 133.5750,
-65.8525, 28.4367

■ 239.1540,
-60.7149, 13.8969

■ 109.6420,
-54.0535, 23.9930

■ 242.4600,
-48.0478, 10.9976

■ 86.8830, -42.8333,
18.5196

■ 245.7660,
-35.3806, 8.0982

■ 65.0100, -32.0499,
13.1462

■ 249.0720,
-22.7135, 5.1989

■ 44.3220, -21.8507,
8.4876

■ 252.3780,

■ 24.5200, -12.0884,

-10.0464, 2.2995

3.9290

■ 0.0000, 0.0000,
0.0000

■ 183.7660,
-85.6666, 37.0392

■ 183.7660,
-85.6666, 37.0392

■ 182.0390,
-89.7452, 38.5538

■ 188.1490,
-76.4885, 33.1953

■ 192.4180,
-67.7471, 29.4514

■ 196.8010,
-58.5689, 25.6075

■ 201.6570,
-50.1169, 21.3488

■ 206.0400,
-40.9387, 17.5049

■ 210.4230,
-31.7605, 13.6610

■ 214.6920,
-23.0192, 9.9171

■ 219.0750,
-13.8410, 6.0732

■ 223.3440, -5.0996,
2.3293

Harmonies

Analogous

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



181.3590, -61.3090, 64.5832



183.7660, -85.6666, 37.0392



178.2540, -59.2852, -24.7788

Triad

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



183.7660, -85.6666, 37.0392



164.0800, 44.8236, -143.8982



187.4950, 33.2800, 59.2019

Complementary

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



183.7660, -85.6666, 37.0392



52.2340, 85.6666, -37.0392

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.



192.8130, 30.6582, 13.3190



183.7660, -85.6666, 37.0392



159.3840, 47.1387, -139.7798

Square

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



183.7660, -85.6666, 37.0392



158.7390, 21.8207, -139.2141



148.2310, 52.6371, -129.9986



169.7470, 10.9707, 74.7669

Rectangle

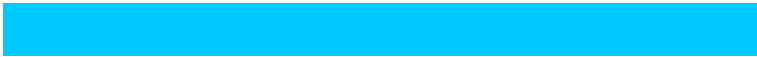
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



183.7660, -85.6666, 37.0392



165.2420, -31.1783, -80.0192



148.2310, 52.6371, -129.9986



193.9520, 30.0967, 53.5391

Sweetspot

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



183.7660, -85.6666, 37.0392



240.6940, -29.4291, 12.5464



78.2320, -17.8624, 129.5925



118.7610, -17.6302, 8.1026



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.



183.7660, -85.6666, 37.0392



205.3850, -101.2548, 43.5124



178.6520, -83.1454, -25.1278



110.1590, -4.5154, 1.6146



141.8480, -69.9311, 29.9513



39.0060, -19.2300, 7.8877

Inverse Universe

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



52.2340, 85.6666, -37.0392



49.6150, 101.2548, -43.5124



57.3480, 83.1454, 25.1278



103.4280, 4.2260, -2.1294



34.1520, 69.9311, -29.9513



9.5810, 18.9406, -8.4025

Previews

White Background



This preview shows how the YUV color 183.7660, -85.6666, 37.0392 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 183.7660, -85.6666, 37.0392 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 183.7660, -85.6666, 37.0392

Background



This preview shows how black text looks on a background with the YUV color 183.7660, -85.6666, 37.0392.

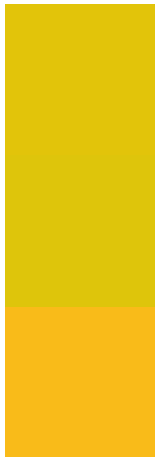


This preview shows how white text looks on a background with the YUV color 183.7660, -85.6666, 37.0392.

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

183.7660, -85.6666, 37.0392

Protanopia

183.2710, -84.9296, 33.9653

Deuteranopia

187.0700, -79.9005, 54.3126



Tritanopia

200.0410, -1.9922, 32.4130

Trichromacy



Original Color

183.7660, -85.6666, 37.0392

Protanomaly

183.5700, -85.0770, 34.5801

Deuteranomaly

185.8690, -81.7734, 48.3499

Tritanomaly

194.0280, -32.5518, 34.1784

Monochromacy



Original Color

183.7660, -85.6666, 37.0392

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.6510, -30.8869, 13.4611

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.7660, -85.6666, 37.0392 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(226, 196, 10)` looks like.

```
.text, #text, p{  
    color:rgb(226, 196, 10)  
}
```

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(226, 196, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 196, 10) }
```

Border

The CSS property to change the border of an element to YUV 183.7660, -85.6666, 37.0392 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(226, 196, 10) }
```


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

```
.border{ border-color:rgb(226, 196, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 196, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 196, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 196, 10);  
box-shadow:4px 4px 4px 4px rgb(226, 196,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 183.7660, -85.6666, 37.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 196, 10) }
```

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

```
.background{ background-color: rgb(226,  
196, 10) }
```

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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