

Converting Colors

YUV(190.2390, -86.3928,
36.6244)

Have a look what the booklet for
YUV(190.2390, -86.3928, 36.6244)
contains.

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Color

**YUV(190.2390, -86.3928,
36.6244)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CB0F
RGB	232, 203, 15
RGB Percent	91%, 80%, 6%
CMY	0.0902, 0.2039, 0.9412
CMYK	0.00, 0.13, 0.94, 0.09
HSL	52°, 88%, 48%
HSV	52°, 94%, 91%
XYZ	54.7209, 59.9022, 9.1301
YIQ	190.2390, 77.6320, -52.3200

Conversions

Conversions Part 2

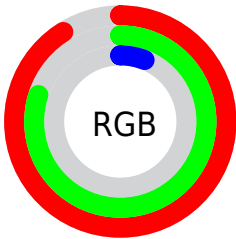
Format	Color
RYB	48, 232, 15
Decimal	15256335
CIELab	81.78, -5.54, 81.06
CIELCh	82, 81.245, 93.908
Yxy	59.9022, 0.4422, 0.4840
Android (android.graphics.Color)	4293446415 (0xFFE8CB0F)
YUV	190.2390, -86.3928, 36.6244
Hunter-Lab	77.3965, -9.2408, 47.1834

Details

The YUV color **190.2390, -86.3928, 36.6244** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **56.7610, 86.3928, -36.6244**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1900, -72.0717, 16.4964**, and **138.5920, -68.3259, 28.4218** is the 20% darker color. If you saturate the color by 10%, you get **187.3550, -92.3660, 39.1537**, and if you desaturate by 10%, it is **194.6220, -77.2146, 32.7805**.

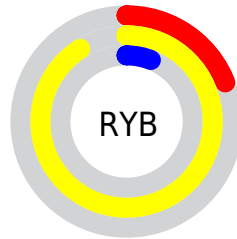
Distribution



Red (91%)

Green (80%)

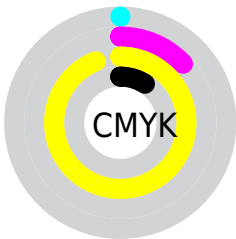
Blue (6%)



Red (19%)

Yellow (91%)

Blue (6%)

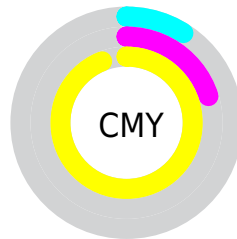


Cyan (0%)

Magenta (13%)

Yellow (94%)

Black (9%)



Cyan (9%)

Magenta (20%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.2390, -86.3928, 36.6244 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 190.2390, -86.3928, 36.6244 by changing the saturation by 10% instead.

190.2390,
-86.3928, 36.6244

190.2390,
-86.3928, 36.6244

255.0000, 0.0000,
0.0000

163.7100,
-80.7090, 33.5803

236.1900,
-72.0717, 16.4964

138.5920,
-68.3259, 28.4218

239.4960,
-59.4045, 13.5970

115.2460,
-56.8163, 23.4633

242.8020,
-46.7374, 10.6976

91.9000, -45.3067,
18.5047

246.1080,
-34.0702, 7.7983

70.0270, -34.5233,
13.1313

249.4140,
-21.4031, 4.8989

48.4530, -23.8873,
8.3727

252.8340, -8.2992,

28.9500, -14.2723,

1.8996

4.4289

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 190.2390,
-86.3928, 36.6244

■ 190.2390,
-86.3928, 36.6244

■ 187.3550,
-92.3660, 39.1537

■ 194.6220,
-77.2146, 32.7805

■ 199.0050,
-68.0365, 28.9366

■ 203.5020,
-58.4215, 24.9927

■ 207.8850,
-49.2433, 21.1489

■ 212.8550,
-40.3545, 16.7902

■ 217.2380,
-31.1763, 12.9463

■ 221.6210,
-21.9982, 9.1024

■ 226.1180,
-12.3832, 5.1585

■ 230.5010, -3.2050,
1.3146

Harmonies

Analogous

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



185.1090, -62.1717, 61.2944



190.2390, -86.3928, 36.6244



183.8300, -59.5692, -27.0379

Triad

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



190.2390, -86.3928, 36.6244



168.7760, 42.5084, -148.0166



190.4300, 31.8330, 56.6279

Complementary

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



190.2390, -86.3928, 36.6244



56.7610, 86.3928, -36.6244

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.



199.0260, 27.5952, 15.7632



190.2390, -86.3928, 36.6244



163.4930, 45.1130, -143.3834

Square

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



190.2390, -86.3928, 36.6244



164.3470, 22.9999, -144.1323



151.7530, 50.9008, -133.0874



173.2520, 11.7078, 71.6930

Rectangle

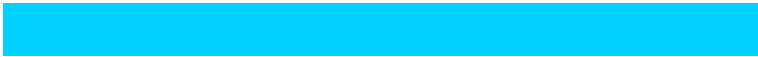
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



190.2390, -86.3928, 36.6244



170.3340, -30.7307, -83.6079



151.7530, 50.9008, -133.0874



196.3000, 28.9391, 51.4799

Sweetspot

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



190.2390, -86.3928, 36.6244



241.0360, -28.1187, 12.2464



83.6450, -17.5730, 130.1073



119.4620, -17.4828, 7.4878



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.



190.2390, -86.3928, 36.6244



205.9720, -101.5442, 42.9976



184.5380, -83.5822, -25.0278



112.4580, -4.6628, 2.2293



144.5060, -71.2415, 30.2512



41.0770, -20.2510, 8.7025

Inverse Universe

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



56.7610, 86.3928, -36.6244



49.0280, 101.5442, -42.9976



62.4620, 83.5822, 25.0278



105.5420, 4.6628, -2.2293



34.4940, 71.2415, -30.2512



9.9230, 20.2510, -8.7025

Previews

White Background



This preview shows how the YUV color 190.2390, -86.3928, 36.6244 looks on a white background.

Color Contrast Check

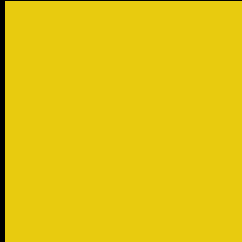
Large Text (above 18pt) WCAG AA × Fail

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 190.2390, -86.3928, 36.6244 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 190.2390, -86.3928, 36.6244 Background



This preview shows how black text looks on a background with the YUV color 190.2390, -86.3928, 36.6244.



This preview shows how white text looks on a background with the YUV color 190.2390, -86.3928, 36.6244.

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

190.2390, -86.3928, 36.6244

Protanopia

190.0430, -85.8032, 34.1653

Deuteranopia

195.5780, -70.2910, 52.1131



Tritanopia

207.0410, -1.9922, 32.4130

Trichromacy



Original Color

190.2390, -86.3928, 36.6244

Protanomaly

190.3420, -85.9506, 34.7801

Deuteranomaly

193.9380, -76.3844, 46.5354

Tritanomaly

201.0280, -32.5518, 34.1784

Monochromacy



Original Color

190.2390, -86.3928, 36.6244

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.1240, -31.6131, 13.0463

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.2390, -86.3928, 36.6244 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(232, 203, 15)` looks like.

```
.text, #text, p{  
    color:rgb(232, 203, 15)  
}
```

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(232, 203, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 203, 15) }
```

Border

The CSS property to change the border of an element to YUV 190.2390, -86.3928, 36.6244 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(232, 203, 15) }
```


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

```
.border{ border-color:rgb(232, 203, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 203, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 203, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 203, 15);  
box-shadow:4px 4px 4px 4px rgb(232, 203,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 190.2390, -86.3928, 36.6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 203, 15) }
```

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

```
.background{ background-color: rgb(232,  
203, 15) }
```

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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