

Converting Colors

YUV(175.2390, -86.3928,
36.6244)

Have a look what the booklet for
YUV(175.2390, -86.3928, 36.6244)
contains.

YUV(175.2390, -86.3928, 36.6244)	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(175.2390, -86.3928,
36.6244)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BC00
RGB	217, 188, 0
RGB Percent	85%, 74%, 0%
CMY	0.1490, 0.2627, 1.0000
CMYK	0.00, 0.13, 1.00, 0.15
HSL	52°, 100%, 43%
HSV	52°, 100%, 85%
XYZ	46.5985, 50.7182, 7.3336
YIQ	175.2390, 77.6320, -52.3200

Conversions

Conversions Part 2

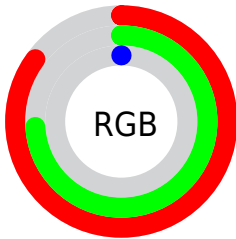
Format	Color
R _Y B	33, 217, 0
Decimal	14269440
CIE Lab	76.51, -4.48, 78.12
CIE LCh	77, 78.252, 93.284
Yxy	50.7182, 0.4453, 0.4846
Android (android.graphics.Color)	4292459520 (0xFFD9BC00)
YUV	175.2390, -86.3928, 36.6244
Hunter-Lab	71.2167, -7.8331, 43.7463

Details

The YUV color **175.2390, -86.3928, 36.6244** 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 **41.7610, 86.3928, -36.6244**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.8210, -72.3828, 22.9590**, and **126.1880, -62.2107, 27.0221** is the 20% darker color. If you saturate the color by 10%, you get **175.2390, -86.3928, 36.6244**, and if you desaturate by 10%, it is **179.5080, -77.6514, 32.8805**.

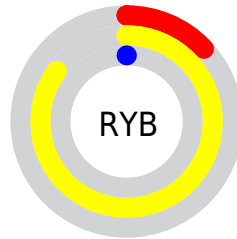
Distribution



Red (85%)

Green (74%)

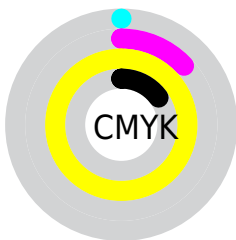
Blue (0%)



Red (13%)

Yellow (85%)

Blue (0%)

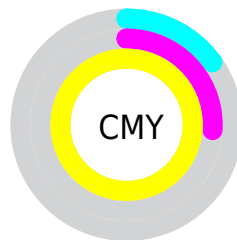


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2390, -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 175.2390, -86.3928, 36.6244 by changing the saturation by 10% instead.

■ 175.2390,
-86.3928, 36.6244

■ 175.2390,
-86.3928, 36.6244

■ 255.0000, 0.0000,
0.0000

■ 150.4200,
-74.1571, 32.0807

■ 228.8210,
-72.3828, 22.9590

■ 126.1880,
-62.2107, 27.0221

■ 238.5840,
-62.8989, 14.3968

■ 102.8420,
-50.7011, 22.0636

■ 241.8900,
-50.2318, 11.4975

■ 80.3820, -39.6283,
17.2050

■ 245.1960,
-37.5646, 8.5981

■ 58.5090, -28.8449,
11.8316

■ 248.5020,
-24.8975, 5.6987

■ 38.4080, -18.9351,
6.6582

■ 251.8080,

■ 19.1930, -9.4621,

-12.2303, 2.7994

1.5847

■ 0.0000, 0.0000,
0.0000

■ 175.2390,
-86.3928, 36.6244

■ 179.5080,
-77.6514, 32.8805

■ 183.6630,
-69.3469, 29.2365

■ 187.9320,
-60.6055, 25.4926

■ 192.2010,
-51.8641, 21.7487

■ 196.4700,
-43.1227, 18.0048

■ 200.0380,
-34.5287, 14.8757

■ 204.3070,
-25.7874, 11.1318

■ 208.5760,
-17.0460, 7.3878

■ 212.7310, -8.7414,
3.7439

Harmonies

Analogous

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



176.0930, -61.1778, 69.2014



175.2390, -86.3928, 36.6244



170.3080, -57.8328, -23.9491

Triad

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



175.2390, -86.3928, 36.6244



158.7970, 47.4281, -139.2650



183.3860, 35.3057, 62.8055

Complementary

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



175.2390, -86.3928, 36.6244



41.7610, 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.



186.0130, 34.0106, 11.3896



175.2390, -86.3928, 36.6244



154.1010, 49.7432, -135.1466

Square

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



175.2390, -86.3928, 36.6244



152.5440, 20.9308, -133.7811



143.5350, 54.9522, -125.8802



165.3130, 9.2127, 78.6555

Rectangle

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



175.2390, -86.3928, 36.6244



157.5950, -29.8733, -78.5748



143.5350, 54.9522, -125.8802



189.8430, 32.1224, 57.1427

Sweetspot

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



175.2390, -86.3928, 36.6244



240.4660, -30.3027, 12.7463



68.6450, -17.5730, 130.1073



118.6470, -18.0670, 8.2026



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.



175.2390, -86.3928, 36.6244



205.9720, -101.5442, 42.9976



169.5380, -83.5822, -25.0278



107.5720, -4.2260, 2.1294



139.7770, -68.9101, 29.1366



37.2340, -18.3564, 7.6878

Inverse Universe

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



41.7610, 86.3928, -36.6244



49.0280, 101.5442, -42.9976



47.4620, 83.5822, 25.0278



100.8410, 4.5154, -1.6146



33.2230, 68.9101, -29.1366



8.7660, 18.3564, -7.6878

Previews

White Background



This preview shows how the YUV color 175.2390, -86.3928, 36.6244 looks on a white background.

Color Contrast Check

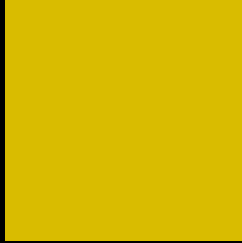
Large Text (above 18pt) WCAG AA × Fail

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 175.2390, -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 175.2390, -86.3928, 36.6244 Background



This preview shows how black text looks on a background with the YUV color 175.2390, -86.3928, 36.6244.

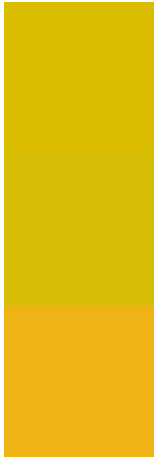


This preview shows how white text looks on a background with the YUV color 175.2390, -86.3928, 36.6244.

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

175.2390, -86.3928, 36.6244

Protanopia

175.2000, -83.9086, 33.1506

Deuteranopia

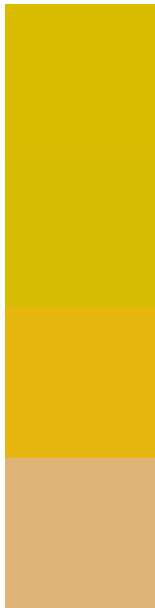
179.0420, -77.4217, 52.5832



Tritanopia

192.3290, -2.1342, 31.2835

Trichromacy



Original Color

175.2390, -86.3928, 36.6244

Protanomaly

175.2710, -84.9296, 33.9653

Deuteranomaly

177.4990, -80.6050, 46.9204

Tritanomaly

186.3160, -32.6938, 33.0489

Monochromacy



Original Color

175.2390, -86.3928, 36.6244

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.1240, -31.6131, 13.0463

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2390, -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(217, 188, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 188, 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(217, 188, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 188, 0) }
```

Border

The CSS property to change the border of an element to YUV 175.2390, -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(217, 188, 0) }
```


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

```
.border{ border-color:rgb(217, 188, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 188, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 188, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 188, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 188,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 175.2390, -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(217, 188, 0) }
```

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

```
.background{ background-color: rgb(217,  
188, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor