

Converting Colors

YUV(176.9140, -69.9636,
40.4174)

Have a look what the booklet for
YUV(176.9140, -69.9636, 40.4174)
contains.

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Color

**YUV(176.9140, -69.9636,
40.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB523
RGB	223, 181, 35
RGB Percent	87%, 71%, 14%
CMY	0.1255, 0.2902, 0.8627
CMYK	0.00, 0.19, 0.84, 0.13
HSL	47°, 75%, 51%
HSV	47°, 84%, 87%
XYZ	47.2587, 48.8571, 8.5297
YIQ	176.9140, 71.8980, -36.5020

Conversions

Conversions Part 2

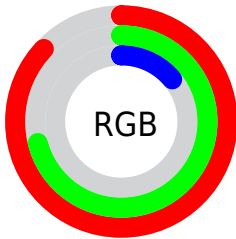
Format	Color
R _Y B	89, 223, 35
Decimal	14660899
CIE Lab	75.36, 2.31, 71.94
CIE LCh	75, 71.982, 88.162
Yxy	48.8571, 0.4516, 0.4669
Android (android.graphics.Color)	4292850979 (0xFFDFB523)
YUV	176.9140, -69.9636, 40.4174
Hunter-Lab	69.8978, -1.6355, 41.6933

Details

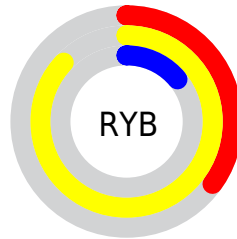
The YUV color **176.9140, -69.9636, 40.4174** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **81.0860, 69.9636, -40.4174**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.3080, -64.2418, 25.1629**, and **124.4600, -61.3588, 33.7996** is the 20% darker color. If you saturate the color by 10%, you get **171.4710, -78.1262, 45.1909**, and if you desaturate by 10%, it is **182.3570, -61.8010, 35.6439**.

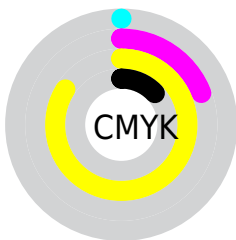
Distribution



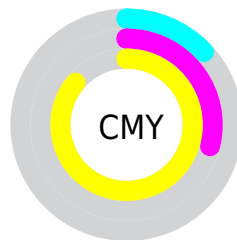
- Red (87%)
- Green (71%)
- Blue (14%)



- Red (35%)
- Yellow (87%)
- Blue (14%)



- Cyan (0%)
- Magenta (19%)
- Yellow (84%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9140, -69.9636, 40.4174 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 176.9140, -69.9636, 40.4174 by changing the saturation by 10% instead.

■ 176.9140,
-69.9636, 40.4174

■ 176.9140,
-69.9636, 40.4174

■ 255.0000, 0.0000,
0.0000

■ 148.1050,
-73.0158, 39.3729

■ 226.3080,
-64.2418, 25.1629

■ 124.4600,
-61.3588, 33.7996

■ 240.0660,
-57.2205, 13.0971

■ 101.1140,
-49.8492, 28.8410

■ 243.2580,
-44.9902, 10.2977

■ 78.3550, -38.6290,
23.3677

■ 246.4500,
-32.7599, 7.4983

■ 57.3680, -28.2824,
18.0943

■ 249.7560,
-20.0927, 4.5990

■ 36.3810, -17.9358,
12.8209

■ 253.0620, -7.4256,

■ 17.4650, -8.6102,

1.6996

8.3622

■ 0.0000, 0.0000,
0.0000

■ 176.9140,
-69.9636, 40.4174

■ 176.9140,
-69.9636, 40.4174

■ 171.4710,
-78.1262, 45.1909

■ 182.3570,
-61.8010, 35.6439

■ 168.2280,
-82.9364, 48.0350

■ 187.9140,
-53.2016, 30.7704

■ 193.3570,
-45.0390, 25.9969

■ 198.8000,
-36.8764, 21.2234

■ 204.3570,
-28.2770, 16.3499

■ 209.8000,
-20.1144, 11.5764

■ 215.2430,
-11.9518, 6.8029

■ 220.6860, -3.7892,
2.0294

■ 226.2430, 4.8102,
-2.8441

Harmonies

Analogous

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



175.3240, -51.4317, 69.8759



176.9140, -69.9636, 40.4174



171.0260, -56.7078, -11.4238

Triad

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



176.9140, -69.9636, 40.4174



155.4230, 44.6545, -136.3060



188.0820, 32.9906, 58.6871

Complementary

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



176.9140, -69.9636, 40.4174



81.0860, 69.9636, -40.4174

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.



182.0820, 35.9486, -3.5799



176.9140, -69.9636, 40.4174



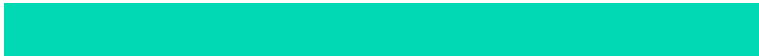
152.3400, 50.6114, -133.6022

Square

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



176.9140, -69.9636, 40.4174



147.7850, 15.3890, -129.6074



143.5350, 54.9522, -125.8802



169.8610, 11.4075, 74.6669

Rectangle

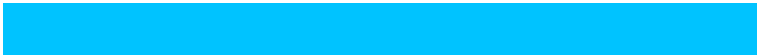
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



176.9140, -69.9636, 40.4174



162.7830, -34.8960, -54.1837



143.5350, 54.9522, -125.8802



188.5810, 32.7446, 44.2175

Sweetspot

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



176.9140, -69.9636, 40.4174



239.4860, -23.9036, 13.6058



96.2280, -8.4934, 111.1790



118.2710, -14.4306, 8.5323



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.



176.9140, -69.9636, 40.4174



192.4710, -94.8882, 54.8379



186.6180, -74.7477, -11.9430



109.5720, -4.2260, 2.1294



133.0430, -65.5902, 37.6733



36.6580, -18.0724, 9.9469

Inverse Universe

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



81.0860, 69.9636, -40.4174



62.5290, 94.8882, -54.8379



71.3820, 74.7477, 11.9430



103.4280, 4.2260, -2.1294



42.9570, 65.5902, -37.6733



11.9290, 17.7830, -10.4617

Previews

White Background



This preview shows how the YUV color 176.9140, -69.9636, 40.4174 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 176.9140, -69.9636, 40.4174 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 176.9140, -69.9636, 40.4174

Background



This preview shows how black text looks on a background with the YUV color 176.9140, -69.9636, 40.4174.



This preview shows how white text looks on a background with the YUV color 176.9140, -69.9636, 40.4174.

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

176.9140, -69.9636, 40.4174

Protanopia

175.7770, -68.9101, 29.1366

Deuteranopia

177.6100, -68.8277, 49.4540



Tritanopia

189.2050, -4.0451, 37.5312

Trichromacy



Original Color

176.9140, -69.9636, 40.4174

Protanomaly

176.0980, -69.0683, 33.2401

Deuteranomaly

177.4740, -69.2537, 46.0653

Tritanomaly

184.6140, -27.9107, 38.9265

Monochromacy



Original Color

176.9140, -69.9636, 40.4174

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7420, -25.5088, 15.1353

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9140, -69.9636, 40.4174 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(223, 181, 35)` looks like.

```
.text, #text, p{  
    color:rgb(223, 181, 35)  
}
```

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(223, 181, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 181, 35) }
```

Border

The CSS property to change the border of an element to YUV 176.9140, -69.9636, 40.4174 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(223, 181, 35) }
```


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

```
.border{ border-color:rgb(223, 181, 35) }
```

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

Here you see how a box with a 4 pixel rgb(223, 181, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 181, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 181, 35);  
box-shadow:4px 4px 4px 4px rgb(223, 181,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 176.9140, -69.9636, 40.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 181, 35) }
```

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

```
.background{ background-color: rgb(223,  
181, 35) }
```

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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