

Converting Colors

YUV(176.7860, -79.2675,
37.8987)

Have a look what the booklet for
YUV(176.7860, -79.2675, 37.8987)
contains.

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Color

**YUV(176.7860, -79.2675,
37.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBA10
RGB	220, 186, 16
RGB Percent	86%, 73%, 6%
CMY	0.1373, 0.2706, 0.9373
CMYK	0.00, 0.15, 0.93, 0.14
HSL	50°, 86%, 46%
HSV	50°, 93%, 86%
XYZ	47.1676, 50.3709, 7.7268
YIQ	176.7860, 74.8340, -45.6620

Conversions

Conversions Part 2

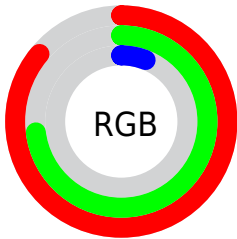
Format	Color
RYB	57, 220, 16
Decimal	14465552
CIELab	76.30, -1.97, 76.33
CIELCh	76, 76.355, 91.480
Yxy	50.3709, 0.4481, 0.4785
Android (android.graphics.Color)	4292655632 (0xFFDCBA10)
YUV	176.7860, -79.2675, 37.8987
Hunter-Lab	70.9724, -5.5723, 43.2258

Details

The YUV color **176.7860, -79.2675, 37.8987** 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 **59.2140, 79.2675, -37.8987**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.2170, -69.6200, 23.4887**, and **125.9110, -62.0741, 29.8961** is the 20% darker color. If you saturate the color by 10%, you get **173.2010, -85.3881, 41.0427**, and if you desaturate by 10%, it is **181.6420, -70.8155, 33.6400**.

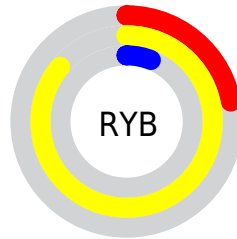
Distribution



Red (86%)

Green (73%)

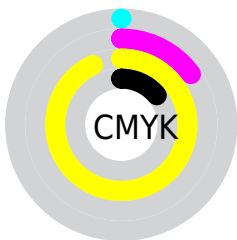
Blue (6%)



Red (22%)

Yellow (86%)

Blue (6%)

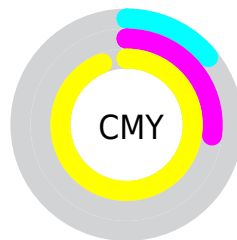


Cyan (0%)

Magenta (15%)

Yellow (93%)

Black (14%)



Cyan (14%)

Magenta (27%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.7860, -79.2675, 37.8987 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 176.7860, -79.2675, 37.8987 by changing the saturation by 10% instead.

■ 176.7860,
-79.2675, 37.8987

■ 176.7860,
-79.2675, 37.8987

■ 255.0000, 0.0000,
0.0000

■ 150.1430,
-74.0205, 34.9546

■ 228.2170,
-69.6200, 23.4887

■ 125.9110,
-62.0741, 29.8961

■ 239.0400,
-61.1517, 13.9969

■ 102.5650,
-50.5645, 24.9375

■ 242.3460,
-48.4846, 11.0976

■ 79.8060, -39.3444,
19.4641

■ 245.5380,
-36.2542, 8.2982

■ 58.8190, -28.9978,
14.1907

■ 248.8440,
-23.5871, 5.3988

■ 38.1310, -18.7986,
9.5321

■ 252.2640,

■ 18.9160, -9.3256,

-10.4832, 2.3995

4.4587

■ 0.0000, 0.0000,
0.0000

■ 176.7860,
-79.2675, 37.8987

■ 176.7860,
-79.2675, 37.8987

■ 173.2010,
-85.3881, 41.0427

■ 181.6420,
-70.8155, 33.6400

■ 185.9110,
-62.0741, 29.8961

■ 190.7670,
-53.6221, 25.6373

■ 195.6230,
-45.1701, 21.3786

■ 199.8920,
-36.4288, 17.6347

■ 204.7480,
-27.9768, 13.3760

■ 209.6040,
-19.5248, 9.1173

■ 213.8730,
-10.7834, 5.3734

■ 218.7290, -2.3314,
1.1147

Harmonies

Analogous

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



176.3040, -57.8309, 69.0164



176.7860, -79.2675, 37.8987



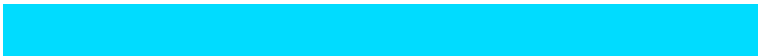
170.9280, -58.1385, -19.2309

Triad

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



176.7860, -79.2675, 37.8987



158.2100, 47.7175, -138.7502



185.1470, 34.4375, 61.2611

Complementary

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



176.7860, -79.2675, 37.8987



59.2140, 79.2675, -37.8987

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.



185.0940, 34.4637, 6.0566



176.7860, -79.2675, 37.8987



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.



176.7860, -79.2675, 37.8987



151.3870, 19.0362, -132.7664



143.5350, 54.9522, -125.8802



166.9430, 10.3811, 77.2260

Rectangle

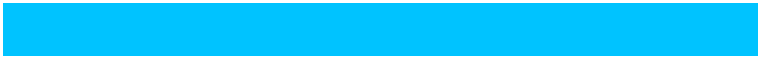
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



176.7860, -79.2675, 37.8987



160.3790, -32.2318, -68.7384



143.5350, 54.9522, -125.8802



190.7180, 31.6910, 55.4983

Sweetspot

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



176.7860, -79.2675, 37.8987



239.8620, -27.5400, 13.2760



80.8720, -15.2199, 122.0153



118.2880, -16.9040, 8.5174



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.



176.7860, -79.2675, 37.8987



200.6890, -98.9397, 47.6307



176.4120, -79.0831, -21.4093



107.5720, -4.2260, 2.1294



136.8420, -67.4631, 31.7106



36.0600, -17.7776, 8.7174

Inverse Universe

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



59.2140, 79.2675, -37.8987



54.3110, 98.9397, -47.6307



59.5880, 79.0831, 21.4093



101.4280, 4.2260, -2.1294



36.7450, 67.1737, -32.2254



9.9400, 17.7776, -8.7174

Previews

White Background



This preview shows how the YUV color 176.7860, -79.2675, 37.8987 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 176.7860, -79.2675, 37.8987 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 176.7860, -79.2675, 37.8987

Background



This preview shows how black text looks on a background with the YUV color 176.7860, -79.2675, 37.8987.



This preview shows how white text looks on a background with the YUV color 176.7860, -79.2675,

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

176.7860, -79.2675, 37.8987

Protanopia

176.2690, -78.5196, 31.3361

Deuteranopia

179.0850, -75.9639, 51.6685



Tritanopia

191.5250, -2.7238, 33.7426

Trichromacy



Original Color

176.7860, -79.2675, 37.8987

Protanomaly

176.5790, -78.6724, 33.6952

Deuteranomaly

178.4110, -77.1106, 46.1206

Tritanomaly

186.1960, -30.6626, 34.9081

Monochromacy



Original Color

176.7860, -79.2675, 37.8987

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.8190, -28.9978, 14.1907

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.7860, -79.2675, 37.8987 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(220, 186, 16)` looks like.

```
.text, #text, p{  
    color:rgb(220, 186, 16)  
}
```

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(220, 186, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 186, 16) }
```

Border

The CSS property to change the border of an element to YUV 176.7860, -79.2675, 37.8987 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(220, 186, 16) }
```


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

```
.border{ border-color:rgb(220, 186, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 186, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 186, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 186, 16);  
box-shadow:4px 4px 4px 4px rgb(220, 186,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 176.7860, -79.2675, 37.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 186, 16) }
```

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

```
.background{ background-color: rgb(220,  
186, 16) }
```

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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