

Converting Colors

YUV(173.3610, -78.0720,
27.7474)

Have a look what the booklet for
YUV(173.3610, -78.0720, 27.7474)
contains.

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Color

**YUV(173.3610, -78.0720,
27.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBC0F
RGB	205, 188, 15
RGB Percent	80%, 74%, 6%
CMY	0.1961, 0.2627, 0.9412
CMYK	0.00, 0.08, 0.93, 0.20
HSL	55°, 86%, 43%
HSV	55°, 93%, 80%
XYZ	43.2463, 48.9801, 7.6267
YIQ	173.3610, 65.6650, -50.1990

Conversions

Conversions Part 2

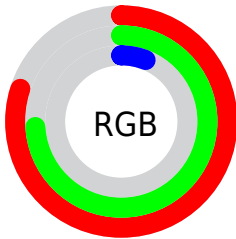
Format	Color
RYB	34, 205, 15
Decimal	13483023
CIELab	75.44, -9.57, 75.21
CIELCh	75, 75.816, 97.248
Yxy	48.9801, 0.4331, 0.4905
Android (android.graphics.Color)	4291673103 (0xFFCDBC0F)
YUV	173.3610, -78.0720, 27.7474
Hunter-Lab	69.9858, -12.1746, 42.5289

Details

The YUV color **173.3610, -78.0720, 27.7474** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed orange. A complement of this color would be **46.6390, 78.0720, -27.7474**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2770, -70.6356, 22.5591**, and **122.8990, -60.5892, 20.2596** is the 20% darker color. If you saturate the color by 10%, you get **171.0640, -84.3346, 29.7619**, and if you desaturate by 10%, it is **176.9290, -69.4780, 24.6183**.

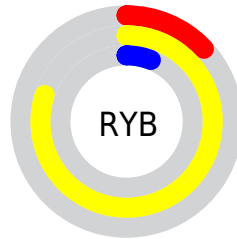
Distribution



Red (80%)

Green (74%)

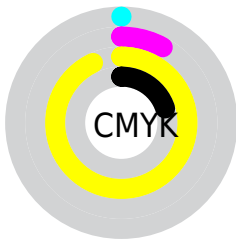
Blue (6%)



Red (13%)

Yellow (80%)

Blue (6%)

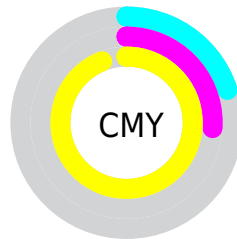


Cyan (0%)

Magenta (8%)

Yellow (93%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.3610, -78.0720, 27.7474 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 173.3610, -78.0720, 27.7474 by changing the saturation by 10% instead.

■ 173.3610,
-78.0720, 27.7474

■ 173.3610,
-78.0720, 27.7474

■ 255.0000, 0.0000,
0.0000

■ 146.8320,
-72.3882, 24.7033

■ 229.2770,
-70.6356, 22.5591

■ 122.8990,
-60.5892, 20.2596

■ 239.0400,
-61.1517, 13.9969

■ 99.8520, -49.2270,
15.9158

■ 242.2320,
-48.9214, 11.1975

■ 77.3920, -38.1543,
11.0572

■ 245.5380,
-36.2542, 8.2982

■ 55.8180, -27.5183,
6.2986

■ 248.8440,
-23.5871, 5.3988

■ 35.1300, -17.3191,
1.6400

■ 252.1500,

■ 14.7080, -7.2510,

-10.9200, 2.4994

-7.6369

■ 0.0000, 0.0000,
0.0000

■ 173.3610,
-78.0720, 27.7474

■ 173.3610,
-78.0720, 27.7474

■ 171.0640,
-84.3346, 29.7619

■ 176.9290,
-69.4780, 24.6183

■ 180.3830,
-61.3208, 21.5891

■ 183.9510,
-52.7268, 18.4600

■ 186.8180,
-44.2803, 15.9456

■ 190.3860,
-35.6863, 12.8165

■ 193.8400,
-27.5291, 9.7873

■ 197.4080,
-18.9351, 6.6582

■ 200.8620,
-10.7780, 3.6290

■ 204.4300, -2.1840,
0.4999

Harmonies

Analogous

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



176.8110, -63.5038, 68.5718



173.3610, -78.0720, 27.7474



166.8000, -50.6804, -31.3966

Triad

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



173.3610, -78.0720, 27.7474



156.4490, 48.5856, -137.2058



179.4420, 30.3481, 66.2644

Complementary

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



173.3610, -78.0720, 27.7474



46.6390, 78.0720, -27.7474

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.



185.7800, 34.1255, 21.2409



173.3610, -78.0720, 27.7474



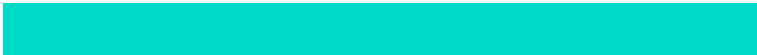
151.1660, 51.1902, -132.5726

Square

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



173.3610, -78.0720, 27.7474



151.4670, 24.4198, -132.8366



147.7980, 52.8506, -105.0628



163.9450, 3.9711, 79.8552

Rectangle

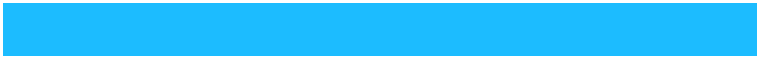
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



173.3610, -78.0720, 27.7474



151.1680, -22.2678, -91.3553



147.7980, 52.8506, -105.0628



186.3210, 33.8587, 60.2315

Sweetspot

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



173.3610, -78.0720, 27.7474



243.3840, -29.2763, 10.1872



73.9760, -19.7082, 114.9080



120.6360, -18.0615, 6.4582



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.



173.3610, -78.0720, 27.7474



212.4290, -104.7275, 37.3348



160.6160, -71.7887, -27.7272



100.2730, -4.0786, 1.5146



138.2710, -68.1676, 24.3183



31.9070, -15.7302, 5.3436

Inverse Universe

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



46.6390, 78.0720, -27.7474



42.5710, 104.7275, -37.3348



59.3840, 71.7887, 27.7272



93.7270, 4.0786, -1.5146



27.7290, 68.1676, -24.3183



6.0930, 15.7302, -5.3436

Previews

White Background



This preview shows how the YUV color 173.3610, -78.0720, 27.7474 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 173.3610, -78.0720, 27.7474 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 173.3610, -78.0720, 27.7474

Background



This preview shows how black text looks on a background with the YUV color 173.3610, -78.0720, 27.7474.



This preview shows how white text looks on a background with the YUV color 173.3610, -78.0720,

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

173.3610, -78.0720, 27.7474

Protanopia

173.5680, -78.6670, 31.9509

Deuteranopia

176.7690, -73.3431, 51.0686



Tritanopia

188.7410, -0.3653, 23.9061

Trichromacy



Original Color

173.3610, -78.0720, 27.7474

Protanomaly

173.5570, -78.6616, 30.2065

Deuteranomaly

175.2580, -75.0632, 42.7467

Tritanomaly

183.2980, -28.7409, 25.1717

Monochromacy



Original Color

173.3610, -78.0720, 27.7474

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0250, -28.1133, 10.5021

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.3610, -78.0720, 27.7474 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(205, 188, 15)` looks like.

```
.text, #text, p{  
    color:rgb(205, 188, 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(205, 188, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 188, 15) }
```

Border

The CSS property to change the border of an element to YUV 173.3610, -78.0720, 27.7474 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(205, 188, 15) }
```


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

```
.border{ border-color:rgb(205, 188, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 188, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 188, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 188, 15);  
box-shadow:4px 4px 4px 4px rgb(205, 188,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 173.3610, -78.0720, 27.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 188, 15) }
```

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

```
.background{ background-color: rgb(205,  
188, 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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