

Converting Colors

YUV(178.1410, -80.9215,
55.1273)

Have a look what the booklet for
YUV(178.1410, -80.9215, 55.1273)
contains.

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Color

**YUV(178.1410, -80.9215,
55.1273)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B20E
RGB	241, 178, 14
RGB Percent	95%, 70%, 5%
CMY	0.0549, 0.3020, 0.9451
CMYK	0.00, 0.26, 0.94, 0.05
HSL	43°, 89%, 50%
HSV	43°, 94%, 95%
XYZ	52.2753, 50.5733, 7.4219
YIQ	178.1410, 90.1920, -37.6480

Conversions

Conversions Part 2

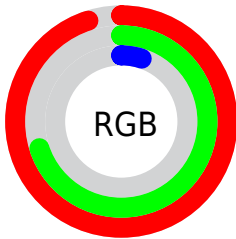
Format	Color
R_{YB}	101, 241, 14
Decimal	15839758
CIE Lab	76.42, 11.30, 77.65
CIE LCh	76, 78.464, 81.721
Yxy	50.5733, 0.4741, 0.4586
Android (android.graphics.Color)	4294029838 (0xFFFF1B20E)
YUV	178.1410, -80.9215, 55.1273
Hunter-Lab	71.1149, 6.7611, 43.5926

Details

The YUV color **178.1410, -80.9215, 55.1273** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **76.8590, 80.9215, -55.1273**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7060, -67.8891, 28.3218**, and **127.4830, -62.8491, 45.1804** is the 20% darker color. If you saturate the color by 10%, you get **174.1970, -85.8791, 58.5862**, and if you desaturate by 10%, it is **184.9860, -72.4641, 49.1243**.

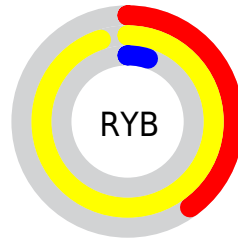
Distribution



Red (95%)

Green (70%)

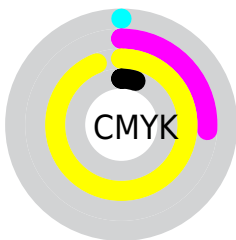
Blue (5%)



Red (40%)

Yellow (95%)

Blue (5%)

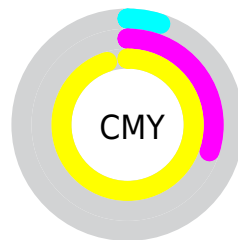


Cyan (0%)

Magenta (26%)

Yellow (94%)

Black (5%)



Cyan (5%)

Magenta (30%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.1410, -80.9215, 55.1273 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 178.1410, -80.9215, 55.1273 by changing the saturation by 10% instead.

178.1410,
-80.9215, 55.1273

178.1410,
-80.9215, 55.1273

255.0000, 0.0000,
0.0000

151.4270,
-74.6535, 51.3685

222.7060,
-67.8891, 28.3218

127.4830,
-62.8491, 45.1804

238.9260,
-61.5885, 14.0969

103.8380,
-51.1921, 39.6071

242.1180,
-49.3582, 11.2975

81.0790, -39.9719,
34.1337

245.4240,
-36.6910, 8.3982

59.4940, -29.3305,
27.6308

248.7300,
-24.0239, 5.4988

38.5070, -18.9840,
22.3574

252.0360,

19.2920, -9.5110,

-11.3567, 2.5994

17.2839

■ 0.0000, 0.0000,
0.0000

■ 178.1410,
-80.9215, 55.1273

■ 178.1410,
-80.9215, 55.1273

■ 174.1970,
-85.8791, 58.5862

■ 184.9860,
-72.4641, 49.1243

■ 191.2440,
-63.7173, 43.6360

■ 198.0890,
-55.2599, 37.6329

■ 204.9340,
-46.8025, 31.6299

■ 211.1920,
-38.0557, 26.1416

■ 218.1510,
-29.1614, 20.0386

■ 224.9960,
-20.7040, 14.0355

■ 231.8410,
-12.2466, 8.0324

■ 238.0990, -3.4998,
2.5442

Harmonies

Analogous

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



171.5570, -48.0956, 73.1795



178.1410, -80.9215, 55.1273



172.7920, -71.8755, 0.1824

Triad

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



178.1410, -80.9215, 55.1273



157.6740, 40.5867, -138.2801



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.



178.1410, -80.9215, 55.1273



76.8590, 80.9215, -55.1273

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.



177.8080, 38.0557, -26.1416



178.1410, -80.9215, 55.1273



156.4490, 48.5856, -137.2058

Square

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



178.1410, -80.9215, 55.1273



148.5370, 8.1163, -130.2669



148.2310, 52.6371, -129.9986



169.6790, 20.8643, 74.8265

Rectangle

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



178.1410, -80.9215, 55.1273



166.5210, -47.5849, -44.3069



148.2310, 52.6371, -129.9986



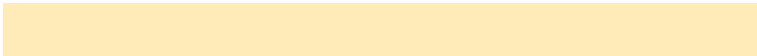
188.8140, 32.6297, 34.3661

Sweetspot

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



178.1410, -80.9215, 55.1273



235.1660, -25.2248, 17.3944



89.1690, -5.5063, 133.1558



115.3530, -15.4570, 11.0914



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.



178.1410, -80.9215, 55.1273



184.2530, -90.8367, 62.0451



200.4710, -91.9302, -7.4291



116.8710, -4.3734, 2.7441



133.0870, -65.6119, 44.6507



40.8110, -20.1198, 13.3208

Inverse Universe

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



76.8590, 80.9215, -55.1273



70.7470, 90.8367, -62.0451



54.5290, 91.9302, 7.4291



111.1290, 4.3734, -2.7441



50.9130, 65.6119, -44.6507



15.7760, 19.8304, -13.8356

Previews

White Background



This preview shows how the YUV color 178.1410, -80.9215, 55.1273 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 178.1410, -80.9215, 55.1273 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 178.1410, -80.9215, 55.1273

Background



This preview shows how black text looks on a background with the YUV color 178.1410, -80.9215, 55.1273.



This preview shows how white text looks on a background with the YUV color 178.1410, -80.9215, 55.1273.

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

178.1410, -80.9215, 55.1273

Protanopia

176.7960, -77.7934, 31.7509

Deuteranopia

177.9020, -81.7897, 53.5829



Tritanopia

191.5980, -6.7038, 50.3416

Trichromacy



Original Color

178.1410, -80.9215, 55.1273

Protanomaly

177.2100, -78.9835, 40.1578

Deuteranomaly

178.3150, -81.5003, 54.0977

Tritanomaly

186.7960, -33.9164, 51.9219

Monochromacy



Original Color

178.1410, -80.9215, 55.1273

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.0370, -29.5982, 20.1386

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.1410, -80.9215, 55.1273 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(241, 178, 14)` looks like.

```
.text, #text, p{  
    color:rgb(241, 178, 14)  
}
```

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(241, 178, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 178, 14) }
```

Border

The CSS property to change the border of an element to YUV 178.1410, -80.9215, 55.1273 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(241, 178, 14) }
```


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

```
.border{ border-color:rgb(241, 178, 14) }
```

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

Here you see how a box with a 4 pixel rgb(241, 178, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 178, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 178, 14);  
box-shadow:4px 4px 4px 4px rgb(241, 178,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 178.1410, -80.9215, 55.1273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 178, 14) }
```

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

```
.background{ background-color: rgb(241,  
178, 14) }
```

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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