

Converting Colors

YUV(186.4590, -73.1903,
48.7095)

Have a look what the booklet for
YUV(186.4590, -73.1903, 48.7095)
contains.

YUV(186.4590, -73.1903, 48.7095)	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(186.4590, -73.1903,
48.7095)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BB26
RGB	242, 187, 38
RGB Percent	95%, 73%, 15%
CMY	0.0510, 0.2667, 0.8510
CMYK	0.00, 0.23, 0.84, 0.05
HSL	44°, 89%, 55%
HSV	44°, 84%, 95%
XYZ	54.7381, 54.5578, 9.4794
YIQ	186.4590, 80.6090, -34.6790

Conversions

Conversions Part 2

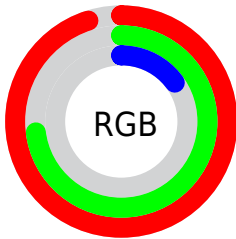
Format	Color
R_{YB}	113, 242, 38
Decimal	15907622
CIE Lab	78.79, 7.43, 74.78
CIE LCh	79, 75.151, 84.323
Yxy	54.5578, 0.4609, 0.4593
Android (android.graphics.Color)	4294097702 (0xFFFF2BB26)
YUV	186.4590, -73.1903, 48.7095
Hunter-Lab	73.8633, 3.0209, 44.0952

Details

The YUV color **186.4590, -73.1903, 48.7095** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **93.5410, 73.1903, -48.7095**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1720, -64.6678, 21.7742**, and **132.7770, -65.4591, 42.2916** is the 20% darker color. If you saturate the color by 10%, you get **179.6140, -81.6477, 54.7125**, and if you desaturate by 10%, it is **193.3040, -64.7329, 42.7064**.

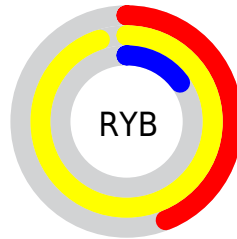
Distribution



Red (95%)

Green (73%)

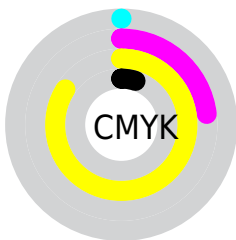
Blue (15%)



Red (44%)

Yellow (95%)

Blue (15%)

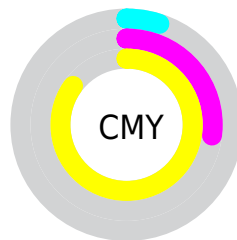


Cyan (0%)

Magenta (23%)

Yellow (84%)

Black (5%)



Cyan (5%)

Magenta (27%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.4590, -73.1903, 48.7095 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 186.4590, -73.1903, 48.7095 by changing the saturation by 10% instead.

186.4590,
-73.1903, 48.7095

186.4590,
-73.1903, 48.7095

255.0000, 0.0000,
0.0000

157.0090,
-77.4054, 47.3501

230.1720,
-64.6678, 21.7742

132.7770,
-65.4591, 42.2916

240.4080,
-55.9101, 12.7972

109.1320,
-53.8021, 36.7182

243.6000,
-43.6798, 9.9978

86.3730, -42.5819,
31.2449

246.9060,
-31.0127, 7.0984

64.2010, -31.6511,
25.2567

250.2120,
-18.3455, 4.1991

43.8010, -21.5939,
19.4685

253.5180, -5.6784,

24.5860, -12.1209,

1.2997

14.3951

■ 1.7940, -0.8844,
3.6887

■ 0.0000, 0.0000,
0.0000

■ 186.4590,
-73.1903, 48.7095

■ 186.4590,
-73.1903, 48.7095

■ 179.6140,
-81.6477, 54.7125

■ 193.3040,
-64.7329, 42.7064

■ 176.2570,
-86.8947, 57.6566

■ 199.5620,
-55.9861, 37.2181

■ 206.5210,
-47.0919, 31.1151

■ 212.7790,
-38.3450, 25.6268

■ 219.6240,
-29.8876, 19.6238

■ 225.8820,
-21.1408, 14.1355

■ 232.7270,
-12.6834, 8.1324

■ 239.0990, -3.4998,
2.5442

■ 245.8300, 4.5208,
-3.3589

Harmonies

Analogous

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



178.8120, -48.2213, 66.8169



186.4590, -73.1903, 48.7095



180.3490, -63.2761, -4.6911

Triad

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



186.4590, -73.1903, 48.7095



162.4500, 43.6552, -142.4686



193.9520, 30.0967, 53.5391

Complementary

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



186.4590, -73.1903, 48.7095



93.5410, 73.1903, -48.7095

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.



187.0330, 33.5077, -14.0609



186.4590, -73.1903, 48.7095



159.3840, 47.1387, -139.7798

Square

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



186.4590, -73.1903, 48.7095



153.6550, 12.4951, -134.7554



150.5790, 51.4796, -132.0578



176.0220, 17.2442, 69.2637

Rectangle

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



186.4590, -73.1903, 48.7095



173.5790, -42.1904, -47.8658



150.5790, 51.4796, -132.0578



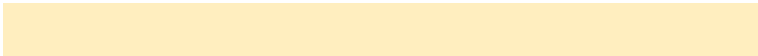
196.2230, 28.9771, 39.2694

Sweetspot

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



186.4590, -73.1903, 48.7095



237.7250, -23.0354, 15.1502



105.6080, -4.7367, 119.6158



117.0970, -13.8518, 9.5619



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.



186.4590, -73.1903, 48.7095



185.4270, -91.4155, 61.0155



205.5880, -82.6209, -6.6547



116.8710, -4.3734, 2.7441



133.6740, -65.9013, 44.1359



40.8110, -20.1198, 13.3208

Inverse Universe

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



93.5410, 73.1903, -48.7095



69.5730, 91.4155, -61.0155



74.4120, 82.6209, 6.6547



111.1290, 4.3734, -2.7441



49.7390, 66.1907, -43.6211



15.1890, 20.1198, -13.3208

Previews

White Background



This preview shows how the YUV color 186.4590, -73.1903, 48.7095 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 186.4590, -73.1903, 48.7095 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 186.4590, -73.1903, 48.7095

Background



This preview shows how black text looks on a background with the YUV color 186.4590, -73.1903, 48.7095.



This preview shows how white text looks on a background with the YUV color 186.4590, -73.1903, 48.7095.

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

186.4590, -73.1903, 48.7095

Protanopia

185.3920, -71.6783, 30.3512

Deuteranopia

186.5950, -72.7643, 52.0982



Tritanopia

198.5050, -5.6720, 46.0381

Trichromacy



Original Color

186.4590, -73.1903, 48.7095

Protanomaly

185.9090, -72.4261, 36.9138

Deuteranomaly

186.8830, -72.9063, 50.9686

Tritanomaly

194.3870, -30.2638, 47.0186

Monochromacy



Original Color

186.4590, -73.1903, 48.7095

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.8240, -26.5352, 17.6944

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.4590, -73.1903, 48.7095 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(242, 187, 38)` looks like.

```
.text, #text, p{  
    color:rgb(242, 187, 38)  
}
```

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(242, 187, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 187, 38) }
```

Border

The CSS property to change the border of an element to YUV 186.4590, -73.1903, 48.7095 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(242, 187, 38) }
```


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

```
.border{ border-color:rgb(242, 187, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 187, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 187, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 187, 38);  
box-shadow:4px 4px 4px 4px rgb(242, 187,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 186.4590, -73.1903, 48.7095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 187, 38) }
```

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

```
.background{ background-color: rgb(242,  
187, 38) }
```

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