

Converting Colors

YUV(185.9020, -81.7897,
53.5829)

Have a look what the booklet for
YUV(185.9020, -81.7897, 53.5829)
contains.

YUV(185.9020, -81.7897, 53.5829)	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(185.9020, -81.7897,
53.5829)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BB14
RGB	247, 187, 20
RGB Percent	97%, 73%, 8%
CMY	0.0314, 0.2667, 0.9216
CMYK	0.00, 0.24, 0.92, 0.03
HSL	44°, 93%, 52%
HSV	44°, 92%, 97%
XYZ	56.2544, 55.3653, 8.3835
YIQ	185.9020, 89.3670, -39.2170

Conversions

Conversions Part 2

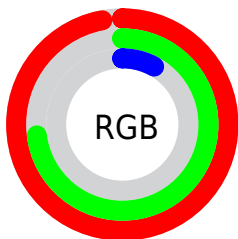
Format	Color
RYB	102, 247, 20
Decimal	16235284
CIELab	79.25, 9.23, 79.14
CIELCh	79, 79.679, 83.345
Yxy	55.3653, 0.4688, 0.4614
Android (android.graphics.Color)	4294425364 (0xFFFF7BB14)
YUV	185.9020, -81.7897, 53.5829
Hunter-Lab	74.4079, 4.7371, 45.4054

Details

The YUV color **185.9020, -81.7897, 53.5829** 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 **81.0980, 81.7897, -53.5829**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0320, -69.0358, 22.7739**, and **133.9730, -66.0487, 44.7507** is the 20% darker color. If you saturate the color by 10%, you get **180.6870, -89.0787, 58.1565**, and if you desaturate by 10%, it is **192.8610, -72.8955, 47.4799**.

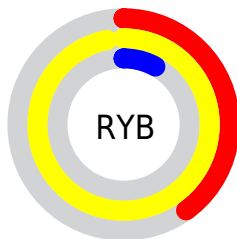
Distribution



Red (97%)

Green (73%)

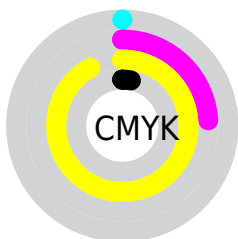
Blue (8%)



Red (40%)

Yellow (97%)

Blue (8%)

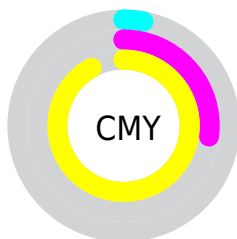


Cyan (0%)

Magenta (24%)

Yellow (92%)

Black (3%)



Cyan (3%)

Magenta (27%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.9020, -81.7897, 53.5829 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 185.9020, -81.7897, 53.5829 by changing the saturation by 10% instead.

185.9020,
-81.7897, 53.5829

185.9020,
-81.7897, 53.5829

255.0000, 0.0000,
0.0000

158.5040,
-78.1425, 50.4240

229.0320,
-69.0358, 22.7739

133.9730,
-66.0487, 44.7507

239.3820,
-59.8413, 13.6970

110.3280,
-54.3917, 39.1773

242.6880,
-47.1742, 10.7976

87.5690, -43.1715,
33.7040

245.8800,
-34.9438, 7.9982

65.3970, -32.2407,
27.7158

249.3000,
-21.8399, 4.9989

44.6980, -22.0361,
21.3129

252.6060, -9.1728,

24.8960, -12.2737,

2.0995

16.7542

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 185.9020,
-81.7897, 53.5829

■ 185.9020,
-81.7897, 53.5829

■ 180.6870,
-89.0787, 58.1565

■ 192.8610,
-72.8955, 47.4799

■ 199.1190,
-64.1487, 41.9916

■ 206.0780,
-55.2545, 35.8886

■ 212.4500,
-46.0708, 30.3004

■ 219.4090,
-37.1766, 24.1973

■ 225.6670,
-28.4298, 18.7090

■ 232.6260,
-19.5356, 12.6060

■ 238.9980,
-10.3520, 7.0178

■ 245.8430, -1.8946,
1.0147

Harmonies

Analogous

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



177.0680, -49.8265, 68.3464



185.9020, -81.7897, 53.5829



180.4110, -70.7016, -2.9914

Triad

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



185.9020, -81.7897, 53.5829



164.4390, 43.6606, -144.2130



193.3650, 30.3861, 54.0539

Complementary

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



185.9020, -81.7897, 53.5829



81.0980, 81.7897, -53.5829

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.



186.1140, 33.9608, -19.3940



185.9020, -81.7897, 53.5829



161.1450, 46.2705, -141.3242

Square

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



185.9020, -81.7897, 53.5829



155.1880, 10.7533, -136.0999



152.3400, 50.6114, -133.6022



173.6570, 20.8751, 71.3378

Rectangle

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



185.9020, -81.7897, 53.5829



173.1290, -46.4056, -49.2251



152.3400, 50.6114, -133.6022



195.9350, 29.1190, 40.3990

Sweetspot

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



185.9020, -81.7897, 53.5829



235.7530, -25.5142, 16.8796



94.8270, -6.8167, 133.4557



115.9400, -15.7464, 10.5766



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.



185.9020, -81.7897, 53.5829



186.6010, -91.9943, 59.9859



205.2750, -91.3406, -9.8882



118.8710, -4.3734, 2.7441



136.0330, -67.0643, 43.8211



42.8820, -21.1408, 14.1355

Inverse Universe

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



81.0980, 81.7897, -53.5829



68.3990, 91.9943, -59.9859



61.7250, 91.3406, 9.8882



113.1290, 4.3734, -2.7441



49.9670, 67.0643, -43.8211



16.1180, 21.1408, -14.1355

Previews

White Background



This preview shows how the YUV color 185.9020, -81.7897, 53.5829 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 185.9020, -81.7897, 53.5829 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 185.9020, -81.7897, 53.5829

Background



This preview shows how black text looks on a background with the YUV color 185.9020, -81.7897, 53.5829.



This preview shows how white text looks on a background with the YUV color 185.9020, -81.7897, 53.5829.

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

185.9020, -81.7897, 53.5829

Protanopia

184.7530, -79.2512, 32.6656

Deuteranopia

185.7280, -81.2109, 54.6125



Tritanopia

199.7010, -6.2616, 48.4972

Trichromacy



Original Color

185.9020, -81.7897, 53.5829

Protanomaly

184.9820, -79.8571, 40.3578

Deuteranomaly

185.7280, -81.2109, 54.6125

Tritanomaly

194.7850, -33.9110, 50.1776

Monochromacy



Original Color

185.9020, -81.7897, 53.5829

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.7380, -29.4508, 19.5238

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.9020, -81.7897, 53.5829 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(247, 187, 20)` looks like.

```
.text, #text, p{  
    color:rgb(247, 187, 20)  
}
```

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(247, 187, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 187, 20) }
```

Border

The CSS property to change the border of an element to YUV 185.9020, -81.7897, 53.5829 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(247, 187, 20) }
```


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

```
.border{ border-color:rgb(247, 187, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 187, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 187, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 187, 20);  
box-shadow:4px 4px 4px 4px rgb(247, 187,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 185.9020, -81.7897, 53.5829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 187, 20) }
```

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

```
.background{ background-color: rgb(247,  
187, 20) }
```

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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