

Converting Colors

YUV(180.7310, -89.1004,
65.1339)

Have a look what the booklet for
YUV(180.7310, -89.1004, 65.1339)
contains.

YUV(180.7310, -89.1004, 65.1339)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

**YUV(180.7310, -89.1004,
65.1339)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB200
RGB	255, 178, 0
RGB Percent	100%, 70%, 0%
CMY	0.0000, 0.3020, 1.0000
CMYK	0.00, 0.30, 1.00, 0.00
HSL	42°, 100%, 50%
HSV	42°, 100%, 100%
XYZ	57.1604, 53.1008, 7.2368
YIQ	180.7310, 103.0300, -39.0340

Conversions

Conversions Part 2

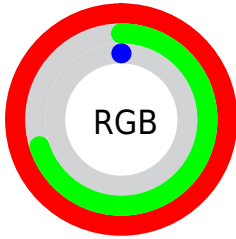
Format	Color
R _Y B	110, 255, 0
Decimal	16757248
CIE Lab	77.93, 17.15, 80.94
CIE LCh	78, 82.740, 78.036
Yxy	53.1008, 0.4865, 0.4519
Android (android.graphics.Color)	4294947328 (0xFFFFB200)
YUV	180.7310, -89.1004, 65.1339
Hunter-Lab	72.8703, 12.4947, 45.1211

Details

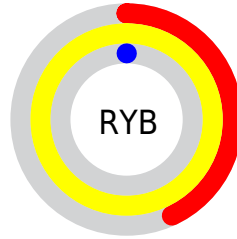
The YUV color **180.7310, -89.1004, 65.1339** is a dark color, and the websafe version is hex **FF9900**, and the color name is [chinese yellow](#). The color can be described as middle saturated orange. A complement of this color would be **74.2690, 89.1004, -65.1339**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.9510, -69.4888, 28.1070**, and **131.3700, -64.7654, 53.1725** is the 20% darker color. If you saturate the color by 10%, you get **180.7310, -89.1004, 65.1339**, and if you desaturate by 10%, it is **188.2770, -80.4956, 58.5161**.

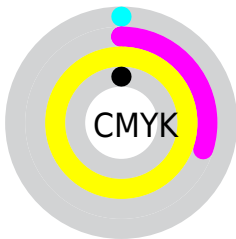
Distribution



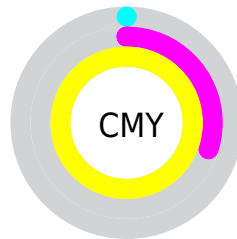
- Red (100%)
- Green (70%)
- Blue (0%)



- Red (43%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7310, -89.1004, 65.1339 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 180.7310, -89.1004, 65.1339 by changing the saturation by 10% instead.

180.7310,
-89.1004, 65.1339

180.7310,
-89.1004, 65.1339

255.0000, 0.0000,
0.0000

155.3140,
-76.5698, 59.3606

222.9510,
-69.4888, 28.1070

131.3700,
-64.7654, 53.1725

238.5840,
-62.8989, 14.3968

107.7250,
-53.1084, 47.5992

241.8900,
-50.2318, 11.4975

84.3680, -41.5934,
40.8963

245.0820,
-38.0014, 8.6981

62.1960, -30.6626,
34.9081

248.3880,
-25.3343, 5.7987

40.9100, -20.1686,
29.0199

251.8080,

21.3960, -10.5482,

-12.2303, 2.7994

23.3317

■ 5.6810, -2.8007,
11.6808

■ 0.0000, 0.0000,
0.0000

■ 180.7310,
-89.1004, 65.1339

■ 188.2770,
-80.4956, 58.5161

■ 195.3500,
-71.1645, 52.3131

■ 203.0100,
-62.1229, 45.5952

■ 210.5560,
-53.5181, 38.9774

■ 218.2160,
-44.4765, 32.2596

■ 225.1750,
-35.5823, 26.1565

■ 232.8350,
-26.5407, 19.4387

■ 240.3810,
-17.9358, 12.8209

■ 247.4540, -8.6048,
6.6178

Harmonies

Analogous

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



170.3660, -45.0434, 74.2240



180.7310, -89.1004, 65.1339



174.7750, -86.1641, 9.8443

Triad

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



180.7310, -89.1004, 65.1339



160.9680, 37.9768, -141.1689



193.0660, 30.5335, 53.4391

Complementary

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



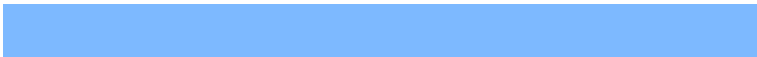
180.7310, -89.1004, 65.1339



74.2690, 89.1004, -65.1339

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.



175.0400, 39.4203, -43.8851



180.7310, -89.1004, 65.1339



160.5580, 46.5599, -140.8094

Square

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



180.7310, -89.1004, 65.1339



150.6740, 3.6117, -132.1411



152.3400, 50.6114, -133.6022



171.9760, 27.1268, 72.8120

Rectangle

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



180.7310, -89.1004, 65.1339



170.3880, -55.9003, -37.1743



152.3400, 50.6114, -133.6022



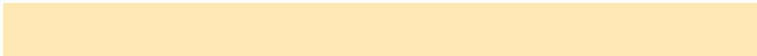
190.8300, 31.6358, 26.4591

Sweetspot

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



180.7310, -89.1004, 65.1339



232.8350, -26.5407, 19.4387



85.4790, -2.2081, 148.6699



114.5380, -16.0412, 11.8062



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.



180.7310, -89.1004, 65.1339



211.8770, -104.4554, -3.4001



124.1700, -4.5208, 3.3589



135.1800, -66.6437, 48.9541



45.5510, -22.4566, 16.1798

Inverse Universe

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



74.2690, 89.1004, -65.1339



43.1230, 104.4554, 3.4001



118.8300, 4.5208, -3.3589



55.8200, 66.6437, -48.9541



18.4490, 22.4566, -16.1798

Previews

White Background



This preview shows how the YUV color 180.7310, -89.1004, 65.1339 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 180.7310, -89.1004, 65.1339 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 180.7310, -89.1004, 65.1339

Background



This preview shows how black text looks on a background with the YUV color 180.7310, -89.1004, 65.1339.



This preview shows how white text looks on a background with the YUV color 180.7310, -89.1004,

65.1339.

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



Protanopia

180.8840, -81.2878, 32.5507

Deuteranopia

180.3770, -88.9259, 55.7974

Tritanopia

195.9680, -7.8722, 51.7711

Trichromacy



Protanomaly

180.5650, -84.0885, 44.2315

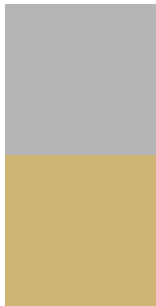
Deuteranomaly

180.3990, -88.9367, 59.2861

Tritanomaly

190.3190, -37.1323, 56.7252

Monochromacy



Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.9620, -32.5193, 23.7123

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7310, -89.1004, 65.1339 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(255, 178, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 0)  
}
```

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(255, 178, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 0) }
```

Border

The CSS property to change the border of an element to YUV 180.7310, -89.1004, 65.1339 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(255, 178, 0) }
```

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

```
.border{ border-color:rgb(255, 178, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 180.7310, -89.1004, 65.1339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 0) }
```

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

```
.background{ background-color: rgb(255,  
178, 0) }
```

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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