

Converting Colors

YUV(180.9900, -65.0711,
57.8908)

Have a look what the booklet for
YUV(180.9900, -65.0711, 57.8908)
contains.

YUV(180.9900, -65.0711, 57.8908)	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(180.9900, -65.0711,
57.8908)**

Conversions

Conversions Part 1

Format	Color
Hex	F7AD31
RGB	247, 173, 49
RGB Percent	97%, 68%, 19%
CMY	0.0314, 0.3216, 0.8078
CMYK	0.00, 0.30, 0.80, 0.03
HSL	38°, 93%, 58%
HSV	38°, 80%, 97%
XYZ	53.8557, 49.8830, 9.6956
YIQ	180.9900, 83.9080, -22.8760

Conversions

Conversions Part 2

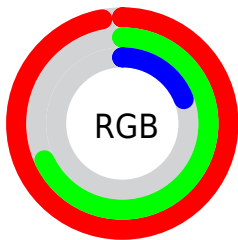
Format	Color
R _Y B	167, 247, 49
Decimal	16231729
CIE Lab	76.00, 17.21, 69.31
CIE LCh	76, 71.410, 76.058
Yxy	49.8830, 0.4748, 0.4398
Android (android.graphics.Color)	4294421809 (0xFFF7AD31)
YUV	180.9900, -65.0711, 57.8908
Hunter-Lab	70.6279, 12.5122, 41.3004

Details

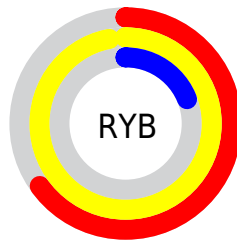
The YUV color **180.9900, -65.0711, 57.8908** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **115.0100, 65.0711, -57.8908**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0510, -57.7061, 28.8963**, and **126.3420, -62.2866, 51.4431** is the 20% darker color. If you saturate the color by 10%, you get **172.8570, -73.3865, 65.0234**, and if you desaturate by 10%, it is **189.1230, -56.7556, 50.7581**.

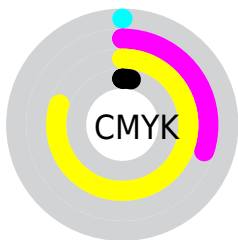
Distribution



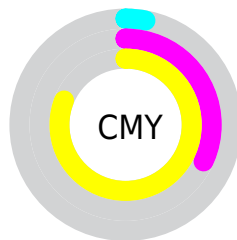
- Red (97%)
- Green (68%)
- Blue (19%)



- Red (65%)
- Yellow (97%)
- Blue (19%)



- Cyan (0%)
- Magenta (30%)
- Yellow (80%)
- Black (3%)



- Cyan (3%)
- Magenta (32%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9900, -65.0711, 57.8908 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 180.9900, -65.0711, 57.8908 by changing the saturation by 10% instead.

180.9900,
-65.0711, 57.8908

180.9900,
-65.0711, 57.8908

255.0000, 0.0000,
0.0000

151.5400,
-69.2862, 56.5314

222.0510,
-57.7061, 28.8963

126.3420,
-62.2866, 51.4431

241.0920,
-53.2894, 12.1973

102.6970,
-50.6296, 45.8697

244.2840,
-41.0590, 9.3979

79.9380, -39.4094,
40.3964

247.4760,
-28.8287, 6.5985

58.3530, -28.7680,
33.8934

250.7820,
-16.1615, 3.6992

37.0670, -18.2740,
28.0052

254.0880, -3.4944,

16.9660, -8.3642,

0.7998

22.8318

■ 0.0000, 0.0000,
0.0000

■ 180.9900,
-65.0711, 57.8908

■ 180.9900,
-65.0711, 57.8908

■ 172.8570,
-73.3865, 65.0234

■ 189.1230,
-56.7556, 50.7581

■ 164.8380,
-81.2651, 72.0561

■ 197.1420,
-48.8770, 43.7255

■ 205.8620,
-40.8510, 36.0780

■ 213.9950,
-32.5355, 28.9454

■ 222.1280,
-24.2201, 21.8127

■ 230.1470,
-16.3415, 14.7801

■ 238.8670, -8.3154,
7.1326

■ 247.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



172.6630, -38.7809, 72.2095



180.9900, -65.0711, 57.8908



175.8070, -64.4879, 10.6933

Triad

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



180.9900, -65.0711, 57.8908



153.8610, 33.5925, -134.9361



190.0320, 32.0292, 40.3139

Complementary

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



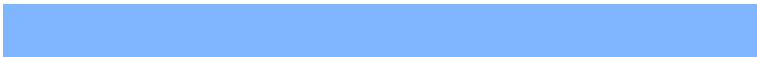
180.9900, -65.0711, 57.8908



115.0100, 65.0711, -57.8908

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.



174.1760, 39.8462, -40.4964



180.9900, -65.0711, 57.8908



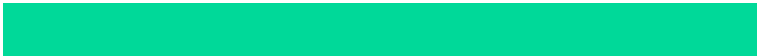
155.2750, 49.1644, -136.1762

Square

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



180.9900, -65.0711, 57.8908



144.8210, 4.0322, -127.0080



148.2310, 52.6371, -129.9986



177.7490, 21.3227, 67.7491

Rectangle

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



180.9900, -65.0711, 57.8908



170.4030, -48.5127, -26.6634



148.2310, 52.6371, -129.9986



187.2310, 33.4101, 17.3374

Sweetspot

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



180.9900, -65.0711, 57.8908



234.5450, -19.9887, 17.9390



116.8660, 4.0101, 114.1275



115.5640, -12.1101, 10.9064



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.



180.9900, -65.0711, 57.8908



173.6530, -80.6809, 71.3413



217.5510, -83.0956, 5.6558



118.2840, -4.0840, 3.2589



124.2930, -61.2764, 54.1170



39.3600, -19.4045, 17.2243

Inverse Universe

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



115.0100, 65.0711, -57.8908



91.9340, 80.3915, -71.8561



78.4490, 83.0956, -5.6558



114.3030, 3.7946, -3.7737



62.2940, 60.9871, -54.6318



19.6400, 19.4045, -17.2243

Previews

White Background



This preview shows how the YUV color 180.9900, -65.0711, 57.8908 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 180.9900, -65.0711, 57.8908 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 180.9900, -65.0711, 57.8908

Background



This preview shows how black text looks on a background with the YUV color 180.9900, -65.0711, 57.8908.



This preview shows how white text looks on a background with the YUV color 180.9900, -65.0711,

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

180.9900, -65.0711, 57.8908

Protanopia

179.4870, -62.3581, 27.6369

Deuteranopia

180.4080, -65.7701, 48.7542



Tritanopia

190.2890, -8.0305, 55.8745

Trichromacy



Original Color

180.9900, -65.0711, 57.8908

Protanomaly

180.3250, -63.2642, 38.3030

Deuteranomaly

180.5440, -65.3442, 52.1429

Tritanomaly

186.6100, -28.4017, 56.4700

Monochromacy



Original Color

180.9900, -65.0711, 57.8908

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.9430, -23.6359, 21.0980

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9900, -65.0711, 57.8908 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, 173, 49)` looks like.

```
.text, #text, p{  
    color:rgb(247, 173, 49)  
}
```

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, 173, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 173, 49) }
```

Border

The CSS property to change the border of an element to YUV 180.9900, -65.0711, 57.8908 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, 173, 49) }
```


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

```
.border{ border-color:rgb(247, 173, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 173, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 173, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 173, 49);  
box-shadow:4px 4px 4px 4px rgb(247, 173,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 180.9900, -65.0711, 57.8908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 173, 49) }
```

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

```
.background{ background-color: rgb(247,  
173, 49) }
```

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