

Converting Colors

YUV(180.9530, -89.2098,
53.5382)

Have a look what the booklet for
YUV(180.9530, -89.2098, 53.5382)
contains.

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Color

**YUV(180.9530, -89.2098,
53.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B900
RGB	242, 185, 0
RGB Percent	95%, 73%, 0%
CMY	0.0510, 0.2745, 1.0000
CMYK	0.00, 0.24, 1.00, 0.05
HSL	46°, 100%, 47%
HSV	46°, 100%, 95%
XYZ	53.9669, 53.5752, 7.4967
YIQ	180.9530, 93.3570, -45.4510

Conversions

Conversions Part 2

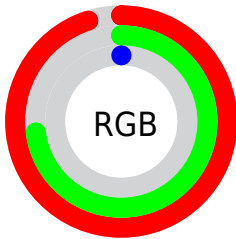
Format	Color
R _Y B	75, 242, 0
Decimal	15907072
CIE Lab	78.21, 7.94, 80.46
CIE LCh	78, 80.855, 84.365
Yxy	53.5752, 0.4691, 0.4657
Android (android.graphics.Color)	4294097152 (0xFF2B900)
YUV	180.9530, -89.2098, 53.5382
Hunter-Lab	73.1951, 3.5172, 45.1640

Details

The YUV color **180.9530, -89.2098, 53.5382** 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 **61.0470, 89.2098, -53.5382**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1740, -71.0778, 24.4034**, and **131.3040, -64.7329, 42.7064** is the 20% darker color. If you saturate the color by 10%, you get **180.9530, -89.2098, 53.5382**, and if you desaturate by 10%, it is **187.2110, -80.4630, 48.0500**.

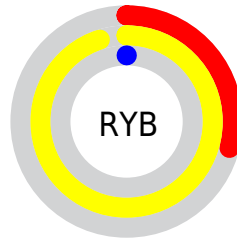
Distribution



Red (95%)

Green (73%)

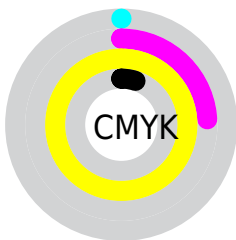
Blue (0%)



Red (29%)

Yellow (95%)

Blue (0%)

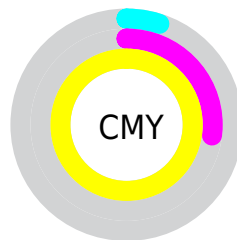


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9530, -89.2098, 53.5382 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 180.9530, -89.2098, 53.5382 by changing the saturation by 10% instead.

180.9530,
-89.2098, 53.5382

180.9530,
-89.2098, 53.5382

255.0000, 0.0000,
0.0000

155.8350,
-76.8267, 48.3797

227.1740,
-71.0778, 24.4034

131.3040,
-64.7329, 42.7064

238.6980,
-62.4621, 14.2969

107.6590,
-53.0759, 37.1331

241.8900,
-50.2318, 11.4975

84.9000, -41.8557,
31.6597

245.1960,
-37.5646, 8.5981

63.3150, -31.2143,
25.1567

248.5020,
-24.8975, 5.6987

42.3280, -20.8677,
19.8833

251.9220,

23.1130, -11.3947,

-11.7935, 2.6994

14.8099

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 180.9530,
-89.2098, 53.5382

■ 187.2110,
-80.4630, 48.0500

■ 192.8820,
-71.4268, 43.0765

■ 199.2540,
-62.2432, 37.4882

■ 205.5120,
-53.4964, 32.0000

■ 211.1830,
-44.4602, 27.0265

■ 217.4410,
-35.7134, 21.5382

■ 223.6990,
-26.9666, 16.0500

■ 230.0710,
-17.7830, 10.4617

■ 235.7420, -8.7468,
5.4883

Harmonies

Analogous

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



174.5090, -52.0159, 70.5906



180.9530, -89.2098, 53.5382



176.6450, -72.2960, -4.9507

Triad

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



180.9530, -89.2098, 53.5382



162.6780, 44.5287, -142.6686



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.



180.9530, -89.2098, 53.5382



61.0470, 89.2098, -53.5382

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.



184.0650, 34.9710, -16.7200



180.9530, -89.2098, 53.5382



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.



180.9530, -89.2098, 53.5382



153.3130, 11.1847, -134.4555



150.5790, 51.4796, -132.0578



170.1520, 20.1381, 74.4117

Rectangle

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



180.9530, -89.2098, 53.5382



168.4490, -45.0844, -53.0138



150.5790, 51.4796, -132.0578



193.5870, 30.2766, 42.4582

Sweetspot

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



180.9530, -89.2098, 53.5382



235.7700, -27.9876, 16.8647



79.1980, -9.4646, 142.7774



116.2990, -16.9094, 10.2618



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.



180.9530, -89.2098, 53.5382



190.7100, -94.0200, 56.3823



196.1730, -96.7133, -13.3067



116.8710, -4.3734, 2.7441



137.1960, -67.6376, 41.0471



41.9850, -20.6986, 12.2912

Inverse Universe

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



61.0470, 89.2098, -53.5382



64.2900, 94.0200, -56.3823



45.5280, 96.8607, 12.6919



111.1290, 4.3734, -2.7441



46.2170, 67.9270, -40.5323



14.0150, 20.6986, -12.2912

Previews

White Background



This preview shows how the YUV color 180.9530, -89.2098, 53.5382 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 180.9530, -89.2098, 53.5382 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 180.9530, -89.2098, 53.5382 Background



This preview shows how black text looks on a background with the YUV color 180.9530, -89.2098, 53.5382.



This preview shows how white text looks on a background with the YUV color 180.9530, -89.2098, 53.5382.

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

180.9530, -89.2098, 53.5382

Protanopia

180.8410, -82.7456, 33.4654

Deuteranopia

182.2890, -85.4315, 54.9975



Tritanopia

197.1030, -5.9668, 47.2677

Trichromacy



Original Color

180.9530, -89.2098, 53.5382

Protanomaly

180.9020, -85.2407, 40.4279

Deuteranomaly

181.6480, -86.5945, 54.6827

Tritanomaly

191.5030, -36.2370, 49.5479

Monochromacy



Original Color

180.9530, -89.2098, 53.5382

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.6410, -32.3610, 19.6088

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9530, -89.2098, 53.5382 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, 185, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 185, 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(242, 185, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 185, 0) }
```

Border

The CSS property to change the border of an element to YUV 180.9530, -89.2098, 53.5382 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, 185, 0) }
```


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

```
.border{ border-color:rgb(242, 185, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 185, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 185, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 185, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 185,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 180.9530, -89.2098, 53.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 185, 0) }
```

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

```
.background{ background-color: rgb(242,  
185, 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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