

Converting Colors

YUV(187.1880, -92.2837,
59.4711)

Have a look what the booklet for
YUV(187.1880, -92.2837, 59.4711)
contains.

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Color

**YUV(187.1880, -92.2837,
59.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD00
RGB	255, 189, 0
RGB Percent	100%, 74%, 0%
CMY	0.0000, 0.2588, 1.0000
CMYK	0.00, 0.26, 1.00, 0.00
HSL	44°, 100%, 50%
HSV	44°, 100%, 100%
XYZ	59.4376, 57.6552, 7.9959
YIQ	187.1880, 100.0050, -44.7870

Conversions

Conversions Part 2

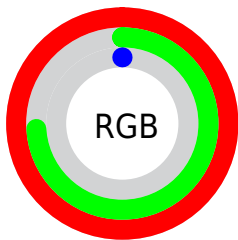
Format	Color
R _Y B	89, 255, 0
Decimal	16760064
CIE Lab	80.55, 11.42, 82.71
CIE LCh	81, 83.492, 82.136
Yxy	57.6552, 0.4752, 0.4609
Android (android.graphics.Color)	4294950144 (0xFFFFBD00)
YUV	187.1880, -92.2837, 59.4711
Hunter-Lab	75.9310, 6.8477, 46.9082

Details

The YUV color **187.1880, -92.2837, 59.4711** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **67.8120, 92.2837, -59.4711**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.6360, -71.7985, 22.2442**, and **137.5390, -67.8067, 48.6393** is the 20% darker color. If you saturate the color by 10%, you get **187.1880, -92.2837, 59.4711**, and if you desaturate by 10%, it is **194.1470, -83.3895, 53.3681**.

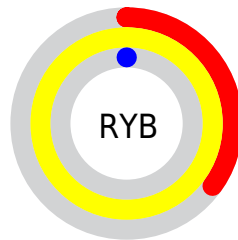
Distribution



Red (100%)

Green (74%)

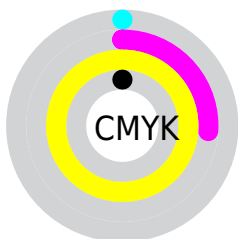
Blue (0%)



Red (35%)

Yellow (100%)

Blue (0%)

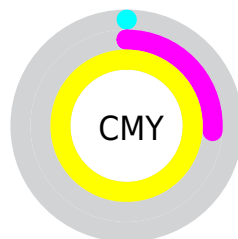


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1880, -92.2837, 59.4711 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 187.1880, -92.2837, 59.4711 by changing the saturation by 10% instead.

187.1880,
-92.2837, 59.4711

187.1880,
-92.2837, 59.4711

255.0000, 0.0000,
0.0000

162.0700,
-79.9005, 54.3126

229.6360,
-71.7985, 22.2442

137.5390,
-67.8067, 48.6393

238.8120,
-62.0253, 14.1969

113.5950,
-56.0023, 42.4512

242.1180,
-49.3582, 11.2975

90.5370, -44.6347,
36.3631

245.4240,
-36.6910, 8.3982

68.3650, -33.7039,
30.3749

248.7300,
-24.0239, 5.4988

47.0790, -23.2099,
24.4867

252.1500,

27.5650, -13.5895,

-10.9200, 2.4994

18.7985

■ 7.4750, -3.6852,
15.3694

■ 0.0000, 0.0000,
0.0000

■ 187.1880,
-92.2837, 59.4711

■ 194.1470,
-83.3895, 53.3681

■ 200.6330,
-73.7691, 47.6799

■ 207.7060,
-64.4381, 41.4768

■ 214.0780,
-55.2545, 35.8886

■ 221.1510,
-45.9234, 29.6856

■ 228.1100,
-37.0292, 23.5825

■ 234.5960,
-27.4088, 17.8943

■ 241.5550,
-18.5146, 11.7913

■ 248.0410, -8.8942,
6.1030

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



187.1880, -92.2837, 59.4711



182.0710, -78.4220, -0.0623

Triad

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



187.1880, -92.2837, 59.4711



167.6020, 43.0872, -146.9870



194.5390, 29.8073, 53.0243

Complementary

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



187.1880, -92.2837, 59.4711



67.8120, 92.2837, -59.4711

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.



186.6680, 33.6877, -25.1418



187.1880, -92.2837, 59.4711



164.0800, 44.8236, -143.8982

Square

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



187.1880, -92.2837, 59.4711



158.0090, 8.8696, -138.5739



155.2750, 49.1644, -136.1762



173.9820, 24.6589, 71.0528

Rectangle

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



187.1880, -92.2837, 59.4711



175.6900, -50.6262, -48.8401



155.2750, 49.1644, -136.1762



197.9950, 28.1035, 39.4694

Sweetspot

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



187.1880, -92.2837, 59.4711



234.5960, -27.4088, 17.8943



83.9970, -7.8865, 149.9696



115.7120, -16.6200, 10.7766



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.



187.1880, -92.2837, 59.4711



207.9900, -102.5391, -11.3922



124.1700, -4.5208, 3.3589



140.4630, -69.2483, 44.3209



46.7250, -23.0354, 15.1502

Inverse Universe

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



67.8120, 92.2837, -59.4711



47.0100, 102.5391, 11.3922



118.2430, 4.8102, -2.8441



50.5370, 69.2483, -44.3209



16.6880, 23.3248, -14.6354

Previews

White Background



This preview shows how the YUV color 187.1880, -92.2837, 59.4711 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 187.1880, -92.2837, 59.4711 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 187.1880, -92.2837, 59.4711

Background



This preview shows how black text looks on a background with the YUV color 187.1880, -92.2837, 59.4711.



This preview shows how white text looks on a background with the YUV color 187.1880, -92.2837, 59.4711.

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

187.1570, -85.3664, 34.0653

Deuteranopia

187.1770, -92.2783, 57.7268

Tritanopia

203.6790, -6.2507, 45.0085

Trichromacy



Protanomaly

187.5280, -88.0143, 43.3869

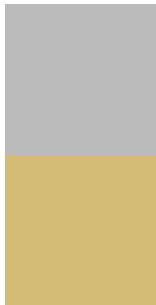
Deuteranomaly

187.4760, -92.4257, 58.3415

Tritanomaly

197.5740, -37.2580, 50.3626

Monochromacy



Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.3100, -33.6768, 21.6531

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1880, -92.2837, 59.4711 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, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 0) }
```

Border

The CSS property to change the border of an element to YUV 187.1880, -92.2837, 59.4711 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, 189, 0) }
```

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

```
.border{ border-color:rgb(255, 189, 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, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 187.1880, -92.2837, 59.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 0) }
```

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

```
.background{ background-color: rgb(255,  
189, 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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