

Converting Colors

YUV(187.1200, -82.3902,
59.5308)

Have a look what the booklet for
YUV(187.1200, -82.3902, 59.5308)
contains.

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Color

**YUV(187.1200, -82.3902,
59.5308)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB914
RGB	255, 185, 20
RGB Percent	100%, 73%, 8%
CMY	0.0000, 0.2745, 0.9216
CMYK	0.00, 0.27, 0.92, 0.00
HSL	42°, 100%, 54%
HSV	42°, 92%, 100%
XYZ	58.7152, 56.0084, 8.3779
YIQ	187.1200, 94.6850, -36.4750

Conversions

Conversions Part 2

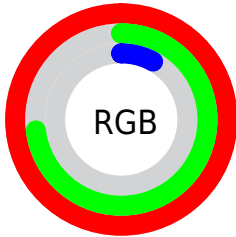
Format	Color
R _Y B	120, 255, 20
Decimal	16759060
CIE Lab	79.62, 13.69, 79.79
CIE LCh	80, 80.959, 80.268
Yxy	56.0084, 0.4770, 0.4550
Android (android.graphics.Color)	4294949140 (0xFFFFB914)
YUV	187.1200, -82.3902, 59.5308
Hunter-Lab	74.8388, 9.0754, 45.7499

Details

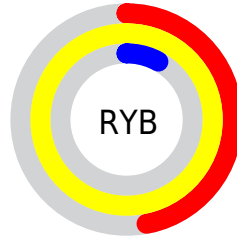
The YUV color **187.1200, -82.3902, 59.5308** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **87.8800, 82.3902, -59.5308**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8580, -68.4570, 23.8035**, and **135.1910, -66.6492, 50.6985** is the 20% darker color. If you saturate the color by 10%, you get **181.3180, -89.3898, 64.6191**, and if you desaturate by 10%, it is **194.7800, -73.3485, 52.8129**.

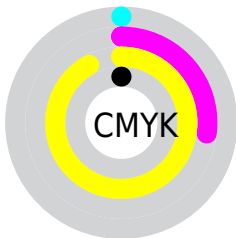
Distribution



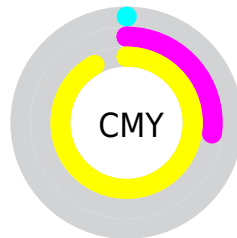
- Red (100%)
- Green (73%)
- Blue (8%)



- Red (47%)
- Yellow (100%)
- Blue (8%)



- Cyan (0%)
- Magenta (27%)
- Yellow (92%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1200, -82.3902, 59.5308 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 187.1200, -82.3902, 59.5308 by changing the saturation by 10% instead.

187.1200,
-82.3902, 59.5308

187.1200,
-82.3902, 59.5308

255.0000, 0.0000,
0.0000

159.7220,
-78.7429, 56.3718

227.8580,
-68.4570, 23.8035

135.1910,
-66.6492, 50.6985

239.3820,
-59.8413, 13.6970

111.2470,
-54.8448, 44.5104

242.6880,
-47.1742, 10.7976

88.1890, -43.4772,
38.4222

245.8800,
-34.9438, 7.9982

66.0170, -32.5464,
32.4341

249.1860,
-22.2767, 5.0989

45.3180, -22.3418,
26.0311

252.6060, -9.1728,

25.2170, -12.4320,

2.0995

20.8577

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,
0.0000

■ 187.1200,
-82.3902, 59.5308

■ 187.1200,
-82.3902, 59.5308

■ 181.3180,
-89.3898, 64.6191

■ 194.7800,
-73.3485, 52.8129

■ 201.7390,
-64.4543, 46.7099

■ 209.3990,
-55.4127, 39.9921

■ 216.3580,
-46.5185, 33.8890

■ 223.9040,
-37.9137, 27.2712

■ 231.5640,
-28.8721, 20.5534

■ 238.6370,
-19.5410, 14.3504

■ 246.1830,
-10.9362, 7.7325

■ 253.2560, -1.6052,
1.5295

Harmonies

Analogous

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



175.9910, -46.3376, 69.2909



187.1200, -82.3902, 59.5308



181.0760, -75.9595, 3.4413

Triad

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



187.1200, -82.3902, 59.5308



165.0430, 40.8978, -144.7427



195.7130, 29.2285, 51.9947

Complementary

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



187.1200, -82.3902, 59.5308



87.8800, 82.3902, -59.5308

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.



183.3790, 35.3092, -31.9044



187.1200, -82.3902, 59.5308



162.3190, 45.6917, -142.3538

Square

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



187.1200, -82.3902, 59.5308



154.8630, 6.9695, -135.8149



154.1010, 49.7432, -135.1466



175.2700, 24.5169, 69.9232

Rectangle

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



187.1200, -82.3902, 59.5308



175.2070, -51.3741, -42.2775



154.1010, 49.7432, -135.1466



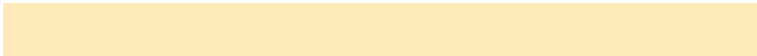
195.5920, 29.2881, 32.8068

Sweetspot

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



187.1200, -82.3902, 59.5308



234.5790, -24.9354, 17.9092



98.3590, -3.6280, 137.3742



115.3530, -15.4570, 11.0914



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.



187.1200, -82.3902, 59.5308



181.3180, -89.3898, 64.6191



214.1570, -95.7194, -5.3997



124.1700, -4.5208, 3.3589



135.7670, -66.9331, 48.4393



45.5510, -22.4566, 16.1798

Inverse Universe

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



87.8800, 82.3902, -59.5308



73.6820, 89.3898, -64.6191



60.8430, 95.7194, 5.3997



118.8300, 4.5208, -3.3589



55.2330, 66.9331, -48.4393



18.4490, 22.4566, -16.1798

Previews

White Background



This preview shows how the YUV color 187.1200, -82.3902, 59.5308 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 187.1200, -82.3902, 59.5308 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 187.1200, -82.3902, 59.5308

Background



This preview shows how black text looks on a background with the YUV color 187.1200, -82.3902, 59.5308.



This preview shows how white text looks on a background with the YUV color 187.1200, -82.3902, 59.5308.

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

187.1200, -82.3902, 59.5308

Protanopia

185.7530, -79.2512, 32.6656

Deuteranopia

186.4570, -83.5423, 55.7272



Tritanopia

200.8750, -6.8404, 47.4676

Trichromacy



Original Color

187.1200, -82.3902, 59.5308

Protanomaly

186.1780, -80.4468, 42.8169

Deuteranomaly

186.5820, -83.1109, 57.3716

Tritanomaly

195.6820, -34.3532, 52.0219

Monochromacy



Original Color

187.1200, -82.3902, 59.5308

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.9340, -30.0405, 21.9829

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1200, -82.3902, 59.5308 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, 185, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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(255, 185, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 20) }
```

Border

The CSS property to change the border of an element to YUV 187.1200, -82.3902, 59.5308 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, 185, 20) }
```


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

```
.border{ border-color:rgb(255, 185, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 187.1200, -82.3902, 59.5308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 20) }
```

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

```
.background{ background-color: rgb(255,  
185, 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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