

Converting Colors

YUV(187.6680, -59.9823,
59.0502)

Have a look what the booklet for
YUV(187.6680, -59.9823, 59.0502)
contains.

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Color

**YUV(187.6680, -59.9823,
59.0502)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFB142 |
| RGB | 255, 177, 66 |
| RGB Percent | 100%, 69%, 26% |
| CMY | 0.0000, 0.3059, 0.7412 |
| CMYK | 0.00, 0.31, 0.74, 0.00 |
| HSL | 35°, 100%, 63% |
| HSV | 35°, 74%, 100% |
| XYZ | 57.9455, 53.0976, 12.3491 |
| YIQ | 187.6680, 82.1190, -17.9850 |

Conversions

Conversions Part 2

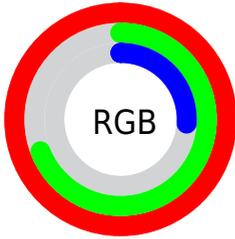
| Format | Color |
|-------------------------------------|---|
| RYB | 199, 255, 66 |
| Decimal | 16757058 |
| CIELab | 77.93, 19.08, 65.14 |
| CIELCh | 78, 67.880, 73.672 |
| Yxy | 53.0976, 0.4696, 0.4303 |
| Android (android.graphics.Color) | 4294947138 (0xFFFFB142) |
| YUV | 187.6680, -59.9823, 59.0502 |
| Hunter-Lab | 72.8681, 14.4259, 40.9597 |

Details

The YUV color **187.6680, -59.9823, 59.0502** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **133.3320, 59.9823, -59.0502**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.6960, -52.6011, 24.8226**, and **130.4950, -64.3340, 54.8169** is the 20% darker color. If you saturate the color by 10%, you get **178.2470, -68.1558, 67.3124**, and if you desaturate by 10%, it is **196.9750, -52.2457, 50.8879**.

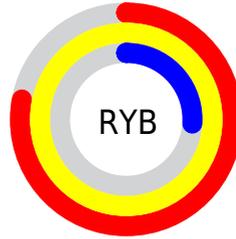
Distribution



Red (100%)

Green (69%)

Blue (26%)



Red (78%)

Yellow (100%)

Blue (26%)

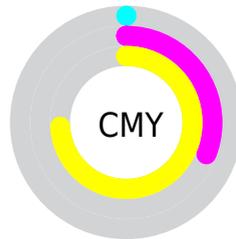


Cyan (0%)

Magenta (31%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6680, -59.9823, 59.0502 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 187.6680, -59.9823, 59.0502 by changing the saturation by 10% instead.

187.6680,
-59.9823, 59.0502

187.6680,
-59.9823, 59.0502

255.0000, 0.0000,
0.0000

159.2440,
-60.2663, 56.7910

226.6960,
-52.6011, 24.8226

130.4950,
-64.3340, 54.8169

242.8020,
-46.7374, 10.6976

106.8500,
-52.6770, 49.2436

245.8800,
-34.9438, 7.9982

84.0910, -41.4569,
43.7702

249.1860,
-22.2767, 5.0989

62.2070, -30.6681,
36.6525

252.4920, -9.6096,
2.1995

40.9210, -20.1741,
30.7643

20.8200, -10.2643,

25.5909

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 187.6680,
-59.9823, 59.0502

■ 187.6680,
-59.9823, 59.0502

■ 178.2470,
-68.1558, 67.3124

■ 196.9750,
-52.2457, 50.8879

■ 169.5270,
-76.1818, 74.9598

■ 205.8090,
-43.7828, 43.1405

■ 164.2950,
-80.9974, 79.5483

■ 215.2300,
-35.6094, 34.8783

■ 223.9500,
-27.5833, 27.2309

■ 233.3710,
-19.4099, 18.9686

■ 242.0910,
-11.3839, 11.3212

■ 251.3980, -3.6472,
3.1590

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



177.7810, -34.4020, 67.7211



187.6680, -59.9823, 59.0502



182.4530, -60.8623, 14.5117

Triad

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



187.6680, -59.9823, 59.0502



156.0950, 31.9982, -136.8953



195.0050, 29.5775, 33.3216

Complementary

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



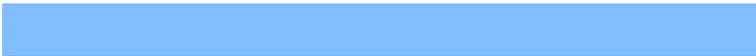
187.6680, -59.9823, 59.0502



133.3320, 59.9823, -59.0502

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.



179.1710, 37.3837, -44.0000



187.6680, -59.9823, 59.0502



158.2100, 47.7175, -138.7502

Square

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



187.6680, -59.9823, 59.0502



147.3970, 3.7483, -129.2672



151.7530, 50.9008, -133.0874



185.2320, 22.0706, 61.1865

Rectangle

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



187.6680, -59.9823, 59.0502



177.9630, -47.8028, -21.0156



151.7530, 50.9008, -133.0874



191.9160, 31.1004, 11.4747

Sweetspot

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



187.6680, -59.9823, 59.0502



235.1150, -17.8047, 17.4391



131.5170, 6.6471, 108.2946



115.9060, -10.7997, 10.6064



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.



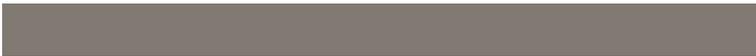
187.6680, -59.9823, 59.0502



173.9440, -71.9504, 71.0861



228.6700, -80.1963, 9.0594



122.9960, -3.9420, 4.3885



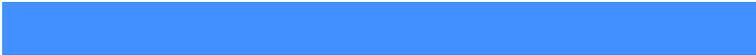
122.8530, -60.5665, 59.7649



40.8550, -20.1415, 20.2982

Inverse Universe

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



133.3320, 59.9823, -59.0502



109.0560, 71.9504, -71.0861



92.3300, 80.1963, -9.0594



119.4170, 4.2314, -3.8737



68.1470, 60.5665, -59.7649



22.5580, 20.4309, -19.7834

Previews

White Background



This preview shows how the YUV color 187.6680, -59.9823, 59.0502 looks on a white background.

Color Contrast Check

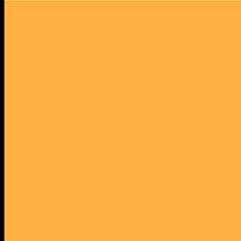
Large Text (above 18pt) WCAG AA × Fail

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 187.6680, -59.9823, 59.0502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

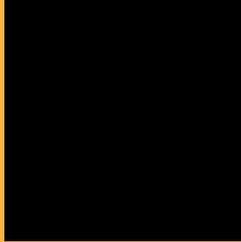
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.6680, -59.9823, 59.0502

Background



This preview shows how black text looks on a background with the YUV color 187.6680, -59.9823, 59.0502.



This preview shows how white text looks on a background with the YUV color 187.6680, -59.9823, 59.0502.

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

187.6680, -59.9823, 59.0502

Protanopia

185.8550, -57.1165, 26.4372

Deuteranopia

186.7760, -60.5286, 47.5544



Tritanopia

195.9680, -7.8722, 51.7711

Trichromacy



Original Color

187.6680, -59.9823, 59.0502

Protanomaly

186.4050, -57.8807, 38.2328

Deuteranomaly

187.2110, -60.2500, 51.5580

Tritanomaly

193.0550, -26.6491, 54.3258

Monochromacy



Original Color

187.6680, -59.9823, 59.0502

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8120, -21.5993, 21.2129

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6680, -59.9823, 59.0502 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, 177, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 66)  
}
```

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, 177, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 66) }
```

Border

The CSS property to change the border of an element to YUV 187.6680, -59.9823, 59.0502 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, 177, 66) }
```


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

```
.border{ border-color:rgb(255, 177, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 187.6680, -59.9823, 59.0502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 66) }
```

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

```
.background{ background-color: rgb(255,  
177, 66) }
```

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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