

Converting Colors

YUV(195.0370, -59.6712,
52.5876)

Have a look what the booklet for
YUV(195.0370, -59.6712, 52.5876)
contains.

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Color

**YUV(195.0370, -59.6712,
52.5876)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC4A
RGB	255, 188, 74
RGB Percent	100%, 74%, 29%
CMY	0.0000, 0.2627, 0.7098
CMYK	0.00, 0.26, 0.71, 0.00
HSL	38°, 100%, 65%
HSV	38°, 71%, 100%
XYZ	60.4593, 57.7209, 14.4333
YIQ	195.0370, 76.5260, -21.2500

Conversions

Conversions Part 2

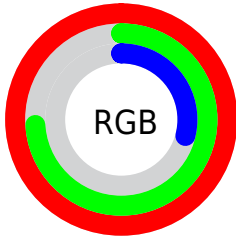
Format	Color
RYB	180, 255, 74
Decimal	16759882
CIELab	80.58, 13.70, 64.55
CIElCh	81, 65.985, 78.015
Yxy	57.7209, 0.4559, 0.4353
Android (android.graphics.Color)	4294949962 (0xFFFFBC4A)
YUV	195.0370, -59.6712, 52.5876
Hunter-Lab	75.9742, 9.0929, 41.9183

Details

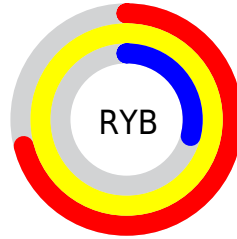
The YUV color **195.0370, -59.6712, 52.5876** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **133.9630, 59.6712, -52.5876**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0650, -52.2900, 18.3600**, and **138.2770, -63.7336, 48.8691** is the 20% darker color. If you saturate the color by 10%, you get **186.9040, -67.9867, 59.7202**, and if you desaturate by 10%, it is **203.2840, -50.9190, 45.3549**.

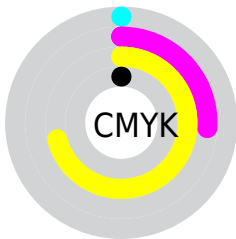
Distribution



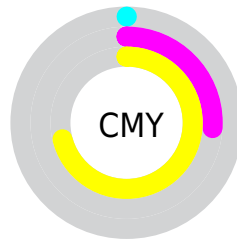
- Red (100%)
- Green (74%)
- Blue (29%)



- Red (71%)
- Yellow (100%)
- Blue (29%)



- Cyan (0%)
- Magenta (26%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.0370, -59.6712, 52.5876 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 195.0370, -59.6712, 52.5876 by changing the saturation by 10% instead.

195.0370,
-59.6712, 52.5876

195.0370,
-59.6712, 52.5876

255.0000, 0.0000,
0.0000

166.7270,
-59.5184, 50.2284

234.0650,
-52.2900, 18.3600

138.2770,
-63.7336, 48.8691

243.7140,
-43.2430, 9.8978

113.6060,
-56.0078, 44.1955

246.9060,
-31.0127, 7.0984

90.2600, -44.4982,
39.2370

250.0980,
-18.7823, 4.2991

68.0880, -33.5674,
33.2488

253.4040, -6.1152,
1.3997

47.3890, -23.3628,
26.8458

26.9890, -13.3056,

21.0576

■ 8.3720, -4.1274,
17.2138

■ 0.0000, 0.0000,
0.0000

■ 195.0370,
-59.6712, 52.5876

■ 195.0370,
-59.6712, 52.5876

■ 186.9040,
-67.9867, 59.7202

■ 203.2840,
-50.9190, 45.3549

■ 178.0700,
-76.4495, 67.4676

■ 212.0040,
-42.8930, 37.7075

■ 170.7520,
-84.1807, 73.8855

■ 220.2510,
-34.1407, 30.4749

■ 228.9710,
-26.1147, 22.8274

■ 237.2180,
-17.3625, 15.5948

■ 245.9380, -9.3364,
7.9474

■ 254.1850, -0.5842,
0.7148

■ 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.



185.0530, -37.0011, 61.3435



195.0370, -59.6712, 52.5876



189.7340, -57.0569, 7.2493

Triad

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



195.0370, -59.6712, 52.5876



161.9140, 36.5244, -141.9986



202.7350, 25.7666, 42.3284

Complementary

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



195.0370, -59.6712, 52.5876



133.9630, 59.6712, -52.5876

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.



190.4890, 31.8039, -27.6159



195.0370, -59.6712, 52.5876



161.7320, 45.9811, -141.8390

Square

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



195.0370, -59.6712, 52.5876



154.0310, 8.8587, -135.0852



154.6880, 49.4538, -135.6614



188.9990, 18.7345, 57.8829

Rectangle

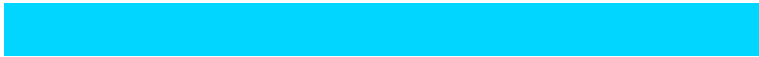
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195.0370, -59.6712, 52.5876



184.8850, -42.8343, -27.9631



154.6880, 49.4538, -135.6614



200.2440, 26.9947, 21.7110

Sweetspot

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



195.0370, -59.6712, 52.5876



237.1040, -17.7993, 15.6948



135.9850, 3.4584, 104.3762



117.3080, -10.5048, 9.3769



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.



195.0370, -59.6712, 52.5876



183.3020, -71.6339, 62.8791



228.0870, -75.9649, 5.1857



123.5830, -4.2314, 3.8737



127.5490, -62.8817, 55.6465



42.6160, -21.0097, 18.7538

Inverse Universe

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



133.9630, 59.6712, -52.5876



109.6980, 71.6339, -62.8791



100.9130, 75.9649, -5.1857



118.8300, 4.5208, -3.3589



63.4510, 62.8817, -55.6465



21.3840, 21.0097, -18.7538

Previews

White Background



This preview shows how the YUV color 195.0370, -59.6712, 52.5876 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 195.0370, -59.6712, 52.5876 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 195.0370, -59.6712, 52.5876

Background



This preview shows how black text looks on a background with the YUV color 195.0370, -59.6712, 52.5876.



This preview shows how white text looks on a background with the YUV color 195.0370, -59.6712, 52.5876.

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

195.0370, -59.6712, 52.5876

Protanopia

193.5560, -56.9691, 25.8224

Deuteranopia

194.6020, -59.9498, 48.5840



Tritanopia

203.6790, -6.2507, 45.0085

Trichromacy



Original Color

195.0370, -59.6712, 52.5876

Protanomaly

194.0950, -57.7278, 35.8737

Deuteranomaly

194.6130, -59.9552, 50.3284

Tritanomaly

200.5380, -25.9012, 47.7632

Monochromacy



Original Color

195.0370, -59.6712, 52.5876

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.8010, -21.5939, 19.4685

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.0370, -59.6712, 52.5876 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, 188, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 74)  
}
```

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, 188, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 74) }
```

Border

The CSS property to change the border of an element to YUV 195.0370, -59.6712, 52.5876 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, 188, 74) }
```


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

```
.border{ border-color:rgb(255, 188, 74) }
```

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

Here you see how a box with a 4 pixel rgb(255, 188, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 195.0370, -59.6712, 52.5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 74) }
```

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

```
.background{ background-color: rgb(255,  
188, 74) }
```

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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