

Converting Colors

YUV(195.9830, -61.1236,
51.7579)

Have a look what the booklet for
YUV(195.9830, -61.1236, 51.7579)
contains.

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Color

**YUV(195.9830, -61.1236,
51.7579)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE48
RGB	255, 190, 72
RGB Percent	100%, 75%, 28%
CMY	0.0000, 0.2549, 0.7176
CMYK	0.00, 0.25, 0.72, 0.00
HSL	39°, 100%, 64%
HSV	39°, 72%, 100%
XYZ	60.8232, 58.5548, 14.2274
YIQ	195.9830, 76.6180, -22.9180

Conversions

Conversions Part 2

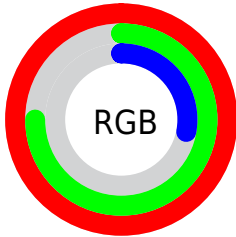
Format	Color
RYB	173, 255, 72
Decimal	16760392
CIELab	81.05, 12.57, 65.83
CIElCh	81, 67.021, 79.192
Yxy	58.5548, 0.4552, 0.4383
Android (android.graphics.Color)	4294950472 (0xFFFFBE48)
YUV	195.9830, -61.1236, 51.7579
Hunter-Lab	76.5211, 7.9696, 42.5411

Details

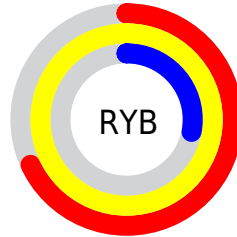
The YUV color **195.9830, -61.1236, 51.7579** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **131.0170, 61.1236, -51.7579**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.1250, -53.3056, 17.4304**, and **138.7670, -66.9331, 48.4393** is the 20% darker color. If you saturate the color by 10%, you get **187.8500, -69.4390, 58.8906**, and if you desaturate by 10%, it is **204.2300, -52.3714, 44.5253**.

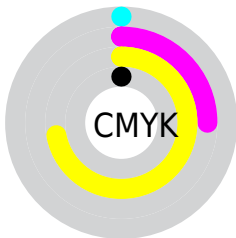
Distribution



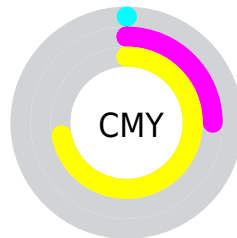
- Red (100%)
- Green (75%)
- Blue (28%)



- Red (68%)
- Yellow (100%)
- Blue (28%)



- Cyan (0%)
- Magenta (25%)
- Yellow (72%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.9830, -61.1236, 51.7579 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 195.9830, -61.1236, 51.7579 by changing the saturation by 10% instead.

195.9830,
-61.1236, 51.7579

195.9830,
-61.1236, 51.7579

255.0000, 0.0000,
0.0000

167.5590,
-61.4076, 49.4988

235.1250,
-53.3056, 17.4304

138.7670,
-66.9331, 48.4393

243.4860,
-44.1166, 10.0978

114.7800,
-56.5865, 43.1659

246.6780,
-31.8863, 7.2984

91.4340, -45.0770,
38.2074

249.9840,
-19.2191, 4.3990

69.2620, -34.1462,
32.2192

253.2900, -6.5520,
1.4997

47.9760, -23.6522,
26.3310

28.1630, -13.8844,

20.0280

■ 8.3720, -4.1274,
17.2138

■ 0.0000, 0.0000,
0.0000

■ 195.9830,
-61.1236, 51.7579

■ 195.9830,
-61.1236, 51.7579

■ 187.8500,
-69.4390, 58.8906

■ 204.2300,
-52.3714, 44.5253

■ 179.6030,
-78.1913, 66.1232

■ 212.3630,
-44.0560, 37.3926

■ 172.5130,
-85.0489, 72.3411

■ 220.4960,
-35.7405, 30.2600

■ 228.7430,
-26.9883, 23.0274

■ 236.9900,
-18.2361, 15.7948

■ 245.1230, -9.9206,
8.6621

■ 253.3700, -1.1684,
1.4295

■ 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.



185.9990, -38.4535, 60.5139



195.9830, -61.1236, 51.7579



190.6090, -57.4882, 5.6049

Triad

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



195.9830, -61.1236, 51.7579



163.6580, 38.1296, -143.5281



203.9310, 25.1770, 44.7875

Complementary

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



195.9830, -61.1236, 51.7579



131.0170, 61.1236, -51.7579

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.



191.9840, 31.0669, -24.5420



195.9830, -61.1236, 51.7579



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.



195.9830, -61.1236, 51.7579



155.6610, 10.0271, -136.5147



155.2750, 49.1644, -136.1762



188.9990, 18.7345, 57.8829

Rectangle

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



195.9830, -61.1236, 51.7579



185.2760, -42.5341, -30.9371



155.2750, 49.1644, -136.1762



201.7390, 26.2577, 24.7849

Sweetspot

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



195.9830, -61.1236, 51.7579



236.8760, -18.6729, 15.8947



134.3550, 2.2900, 105.8057



117.0800, -11.3784, 9.5768



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.



195.9830, -61.1236, 51.7579



184.2480, -73.0863, 62.0495



226.9620, -76.3963, 3.5413



123.5830, -4.2314, 3.8737



129.3100, -63.7498, 54.1021



43.2030, -21.2991, 18.2390

Inverse Universe

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



131.0170, 61.1236, -51.7579



106.7520, 73.0863, -62.0495



100.0380, 76.3963, -3.5413



118.8300, 4.5208, -3.3589



61.6900, 63.7498, -54.1021



20.7970, 21.2991, -18.2390

Previews

White Background



This preview shows how the YUV color 195.9830, -61.1236, 51.7579 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 195.9830, -61.1236, 51.7579 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 195.9830, -61.1236, 51.7579

Background



This preview shows how black text looks on a background with the YUV color 195.9830, -61.1236, 51.7579.



This preview shows how white text looks on a background with the YUV color 195.9830, -61.1236, 51.7579.

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

195.9830, -61.1236, 51.7579

Protanopia

194.3990, -58.8637, 26.8371

Deuteranopia

195.6730, -60.9708, 49.3988



Tritanopia

205.0810, -5.9559, 43.7790

Trichromacy



Original Color

195.9830, -61.1236, 51.7579

Protanomaly

195.2260, -59.7644, 35.7588

Deuteranomaly

195.9720, -61.1182, 50.0136

Tritanomaly

201.8260, -26.0432, 46.6336

Monochromacy



Original Color

195.9830, -61.1236, 51.7579

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9750, -22.1727, 18.4389

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.9830, -61.1236, 51.7579 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, 190, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 72)  
}
```

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, 190, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 72) }
```

Border

The CSS property to change the border of an element to YUV 195.9830, -61.1236, 51.7579 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, 190, 72) }
```


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

```
.border{ border-color:rgb(255, 190, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 195.9830, -61.1236, 51.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 72) }
```

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

```
.background{ background-color: rgb(255,  
190, 72) }
```

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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