

Converting Colors

YUV(196.4560, -61.8498,
51.3431)

Have a look what the booklet for
YUV(196.4560, -61.8498, 51.3431)
contains.

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Color

**YUV(196.4560, -61.8498,
51.3431)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBF47
RGB	255, 191, 71
RGB Percent	100%, 75%, 28%
CMY	0.0000, 0.2510, 0.7216
CMYK	0.00, 0.25, 0.72, 0.00
HSL	39°, 100%, 64%
HSV	39°, 72%, 100%
XYZ	61.0081, 58.9765, 14.1294
YIQ	196.4560, 76.6640, -23.7520

Conversions

Conversions Part 2

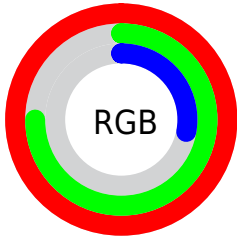
Format	Color
R _Y B	169, 255, 71
Decimal	16760647
CIE Lab	81.28, 12.00, 66.47
CIE LCh	81, 67.542, 79.764
Yxy	58.9765, 0.4549, 0.4397
Android (android.graphics.Color)	4294950727 (0xFFFFBF47)
YUV	196.4560, -61.8498, 51.3431
Hunter-Lab	76.7962, 7.4100, 42.8488

Details

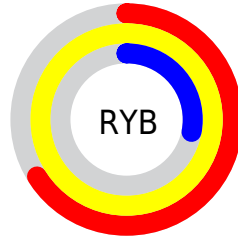
The YUV color **196.4560, -61.8498, 51.3431** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **129.5440, 61.8498, -51.3431**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5980, -54.0318, 17.0156**, and **139.0120, -68.5329, 48.2245** is the 20% darker color. If you saturate the color by 10%, you get **188.3230, -70.1652, 58.4757**, and if you desaturate by 10%, it is **204.7030, -53.0976, 44.1105**.

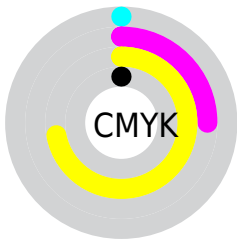
Distribution



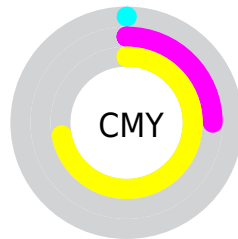
- Red (100%)
- Green (75%)
- Blue (28%)



- Red (66%)
- 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 196.4560, -61.8498, 51.3431 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 196.4560, -61.8498, 51.3431 by changing the saturation by 10% instead.

196.4560,
-61.8498, 51.3431

196.4560,
-61.8498, 51.3431

255.0000, 0.0000,
0.0000

168.0320,
-62.1338, 49.0839

235.5980,
-54.0318, 17.0156

139.0120,
-68.5329, 48.2245

243.3720,
-44.5534, 10.1978

115.3670,
-56.8759, 42.6511

246.5640,
-32.3231, 7.3984

92.0210, -45.3664,
37.6926

249.8700,
-19.6559, 4.4990

69.8490, -34.4356,
31.7044

253.1760, -6.9888,
1.5996

48.5630, -23.9416,
25.8162

28.7500, -14.1738,

19.5132

■ 8.3720, -4.1274,
17.2138

■ 0.0000, 0.0000,
0.0000

■ 196.4560,
-61.8498, 51.3431

■ 196.4560,
-61.8498, 51.3431

■ 188.3230,
-70.1652, 58.4757

■ 204.7030,
-53.0976, 44.1105

■ 180.0760,
-78.9175, 65.7083

■ 212.8360,
-44.7821, 36.9778

■ 173.6870,
-85.6277, 71.3115

■ 220.9690,
-36.4667, 29.8452

■ 228.6290,
-27.4251, 23.1274

■ 236.8760,
-18.6729, 15.8947

■ 245.0090,
-10.3574, 8.7621

■ 253.2560, -1.6052,
1.5295

■ 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.



186.4720, -39.1797, 60.0991



196.4560, -61.8498, 51.3431



190.8970, -57.6302, 4.4753

Triad

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



196.4560, -61.8498, 51.3431



164.4730, 38.7138, -144.2428



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.



196.4560, -61.8498, 51.3431



129.5440, 61.8498, -51.3431

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.



192.5820, 30.7721, -23.3124



196.4560, -61.8498, 51.3431



162.9060, 45.4023, -142.8686

Square

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



196.4560, -61.8498, 51.3431



156.3620, 10.1745, -137.1295



155.2750, 49.1644, -136.1762



188.8850, 18.2977, 57.9829

Rectangle

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



196.4560, -61.8498, 51.3431



185.5640, -42.6761, -32.0666



155.2750, 49.1644, -136.1762



202.6360, 25.8155, 26.6292

Sweetspot

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



196.4560, -61.8498, 51.3431



236.8760, -18.6729, 15.8947



133.3120, 0.8322, 106.7204



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.



196.4560, -61.8498, 51.3431



184.4930, -74.6860, 61.8346



225.6520, -76.2434, 1.1822



123.5830, -4.2314, 3.8737



130.4840, -64.3286, 53.0725



43.7900, -21.5885, 17.7242

Inverse Universe

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



129.5440, 61.8498, -51.3431



103.5070, 74.6860, -61.8346



100.3480, 76.2434, -1.1822



118.8300, 4.5208, -3.3589



61.1030, 64.0392, -53.5873



20.2100, 21.5885, -17.7242

Previews

White Background



This preview shows how the YUV color 196.4560, -61.8498, 51.3431 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 196.4560, -61.8498, 51.3431 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 196.4560, -61.8498, 51.3431 Background



This preview shows how black text looks on a background with the YUV color 196.4560, -61.8498, 51.3431.



This preview shows how white text looks on a background with the YUV color 196.4560, -61.8498, 51.3431.

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

196.4560, -61.8498, 51.3431

Protanopia

195.1710, -59.7373, 27.0370

Deuteranopia

196.4450, -61.8444, 49.5987



Tritanopia

205.7820, -5.8085, 43.1642

Trichromacy



Original Color

196.4560, -61.8498, 51.3431

Protanomaly

195.9980, -60.6380, 35.9588

Deuteranomaly

196.7440, -61.9918, 50.2135

Tritanomaly

202.4130, -26.3326, 46.1188

Monochromacy



Original Color

196.4560, -61.8498, 51.3431

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 196.4560, -61.8498, 51.3431 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, 191, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 71)  
}
```

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, 191, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 71) }
```

Border

The CSS property to change the border of an element to YUV 196.4560, -61.8498, 51.3431 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, 191, 71) }
```


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

```
.border{ border-color:rgb(255, 191, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 196.4560, -61.8498, 51.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 71) }
```

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

```
.background{ background-color: rgb(255,  
191, 71) }
```

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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