

Converting Colors

YUV(187.6800, -44.7052,
59.0396)

Have a look what the booklet for
YUV(187.6800, -44.7052, 59.0396)
contains.

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Color

**YUV(187.6800, -44.7052,
59.0396)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAB61
RGB	255, 171, 97
RGB Percent	100%, 67%, 38%
CMY	0.0000, 0.3294, 0.6196
CMYK	0.00, 0.33, 0.62, 0.00
HSL	28°, 100%, 69%
HSV	28°, 62%, 100%
XYZ	57.9606, 51.2489, 18.1464
YIQ	187.6800, 73.8180, -5.2060

Conversions

Conversions Part 2

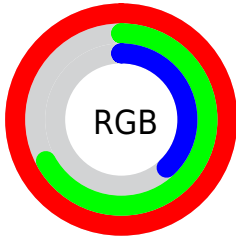
Format	Color
R _Y B	255, 236, 97
Decimal	16755553
CIE Lab	76.83, 23.87, 49.99
CIE LCh	77, 55.397, 64.470
Yxy	51.2489, 0.4551, 0.4024
Android (android.graphics.Color)	4294945633 (0xFFFFAB61)
YUV	187.6800, -44.7052, 59.0396
Hunter-Lab	71.5883, 19.2407, 35.0828

Details

The YUV color **187.6800, -44.7052, 59.0396** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **164.3200, 44.7052, -59.0396**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5940, -37.7608, 24.9121**, and **132.6300, -42.2156, 53.8215** is the 20% darker color. If you saturate the color by 10%, you get **176.4980, -52.0105, 68.8463**, and if you desaturate by 10%, it is **198.7480, -37.8368, 49.3330**.

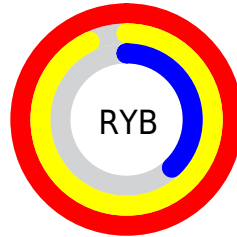
Distribution



Red (100%)

Green (67%)

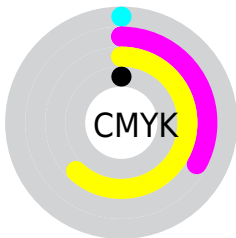
Blue (38%)



Red (100%)

Yellow (93%)

Blue (38%)

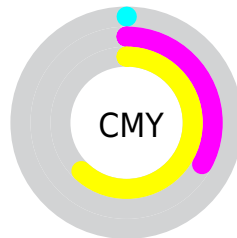


Cyan (0%)

Magenta (33%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6800, -44.7052, 59.0396 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 187.6800, -44.7052, 59.0396 by changing the saturation by 10% instead.

187.6800,
-44.7052, 59.0396

187.6800,
-44.7052, 59.0396

255.0000, 0.0000,
0.0000

159.7120,
-43.2420, 56.3806

226.5940,
-37.7608, 24.9121

132.6300,
-42.2156, 53.8215

246.1080,
-34.0702, 7.7983

105.9070,
-42.3522, 50.9476

249.3000,
-21.8399, 4.9989

80.8680, -39.8679,
47.4738

252.4920, -9.6096,
2.1995

58.9950, -29.0845,
42.1004

37.4100, -18.4431,
35.5974

16.4230, -8.0965,

30.3240

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 187.6800,
-44.7052, 59.0396

■ 187.6800,
-44.7052, 59.0396

■ 176.4980,
-52.0105, 68.8463

■ 198.7480,
-37.8368, 49.3330

■ 166.0170,
-59.1684, 78.0381

■ 209.3430,
-30.2421, 40.0412

■ 154.8350,
-66.4737, 87.8447

■ 220.5250,
-22.9368, 30.2346

■ 146.0980,
-72.0263, 95.5071

■ 231.0060,
-15.7790, 21.0427

■ 242.1880, -8.4737,
11.2361

■ 252.6690, -1.3158,
2.0443

■ 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.



181.3320, -23.3347, 64.6068



187.6800, -44.7052, 59.0396



184.0920, -49.8384, 25.3523

Triad

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



187.6800, -44.7052, 59.0396



149.1360, 23.1040, -130.7923



191.6170, 31.2478, 10.8599

Complementary

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



187.6800, -44.7052, 59.0396



164.3200, 44.7052, -59.0396

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.



176.1480, 38.8740, -55.3808



187.6800, -44.7052, 59.0396



153.6620, 45.5226, -134.7616

Square

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



187.6800, -44.7052, 59.0396



167.1720, -11.4238, -69.4338



150.5790, 51.4796, -132.0578



193.4330, 20.4925, 53.9943

Rectangle

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



187.6800, -44.7052, 59.0396



180.5230, -43.6418, -2.2127



150.5790, 51.4796, -132.0578



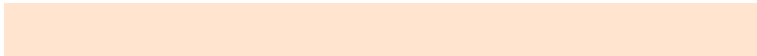
187.9520, 33.0547, -8.7279

Sweetspot

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



187.6800, -44.7052, 59.0396



234.2660, -13.4421, 18.1837



153.8180, 13.4007, 88.7366



115.1880, -8.4737, 11.2361



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.



187.6800, -44.7052, 59.0396



174.7540, -53.6157, 70.3757



234.0530, -67.5671, 18.3705



122.4090, -3.6526, 4.9033



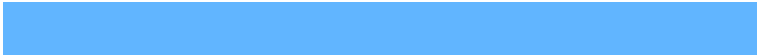
109.9390, -54.1999, 71.0905



36.7460, -18.1158, 23.9018

Inverse Universe

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



164.3200, 44.7052, -59.0396



146.8330, 53.3263, -70.8905



117.9470, 67.5671, -18.3705



120.5910, 3.6526, -4.9033



81.6480, 53.9105, -71.6053



27.2540, 18.1158, -23.9018

Previews

White Background



This preview shows how the YUV color 187.6800, -44.7052, 59.0396 looks on a white background.

Color Contrast Check

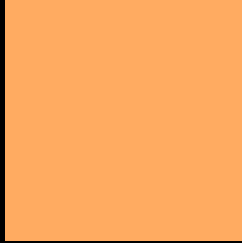
Large Text (above 18pt) WCAG AA × Fail

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 187.6800, -44.7052, 59.0396 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 187.6800, -44.7052, 59.0396

Background



This preview shows how black text looks on a background with the YUV color 187.6800, -44.7052, 59.0396.



This preview shows how white text looks on a background with the YUV color 187.6800, -44.7052, 59.0396.

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

187.6800, -44.7052, 59.0396

Protanopia

185.7630, -40.8022, 20.3788

Deuteranopia

187.0430, -45.3772, 41.1813



Tritanopia

193.1640, -8.4619, 54.2302

Trichromacy



Original Color

187.6800, -44.7052, 59.0396

Protanomaly

186.5090, -42.1559, 34.6336

Deuteranomaly

187.2010, -44.9621, 48.0587

Tritanomaly

191.0320, -21.7078, 56.0999

Monochromacy



Original Color

187.6800, -44.7052, 59.0396

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8920, -16.2158, 21.1427

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6800, -44.7052, 59.0396 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, 171, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 97)  
}
```

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, 171, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 97) }
```

Border

The CSS property to change the border of an element to YUV 187.6800, -44.7052, 59.0396 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, 171, 97) }
```


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

```
.border{ border-color:rgb(255, 171, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 187.6800, -44.7052, 59.0396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 97) }
```

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

```
.background{ background-color: rgb(255,  
171, 97) }
```

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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