

Converting Colors

YUV(181.6800, -44.7052,
59.0396)

Have a look what the booklet for
YUV(181.6800, -44.7052, 59.0396)
contains.

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Color

**YUV(181.6800, -44.7052,
59.0396)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A55B
RGB	249, 165, 91
RGB Percent	98%, 65%, 36%
CMY	0.0235, 0.3529, 0.6431
CMYK	0.00, 0.34, 0.63, 0.02
HSL	28°, 93%, 67%
HSV	28°, 63%, 98%
XYZ	54.4104, 47.8053, 16.2571
YIQ	181.6800, 73.8180, -5.2060

Conversions

Conversions Part 2

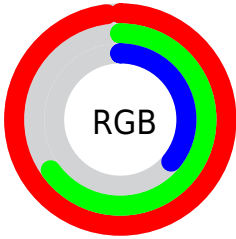
Format	Color
R _Y B	249, 230, 91
Decimal	16360795
CIE Lab	74.70, 24.21, 50.28
CIE LCh	75, 55.803, 64.294
Yxy	47.8053, 0.4593, 0.4035
Android (android.graphics.Color)	4294550875 (0xFFFF9A55B)
YUV	181.6800, -44.7052, 59.0396
Hunter-Lab	69.1414, 19.4720, 34.4582

Details

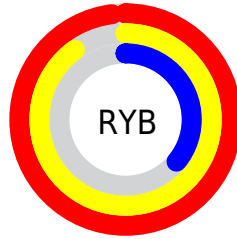
The YUV color **181.6800, -44.7052, 59.0396** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **158.3200, 44.7052, -59.0396**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6870, -38.7927, 29.2155**, and **127.2170, -42.5050, 53.3067** is the 20% darker color. If you saturate the color by 10%, you get **171.1990, -51.8631, 68.2315**, and if you desaturate by 10%, it is **192.1610, -37.5474, 49.8478**.

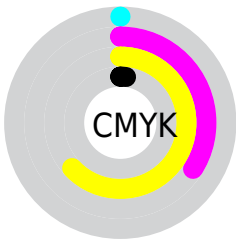
Distribution



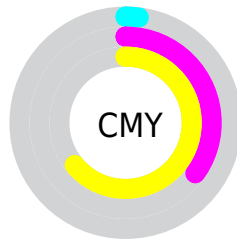
- Red (98%)
- Green (65%)
- Blue (36%)



- Red (98%)
- Yellow (90%)
- Blue (36%)



- Cyan (0%)
- Magenta (34%)
- Yellow (63%)
- Black (2%)



- Cyan (2%)
- Magenta (35%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.6800, -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 181.6800, -44.7052, 59.0396 by changing the saturation by 10% instead.

181.6800,
-44.7052, 59.0396

181.6800,
-44.7052, 59.0396

255.0000, 0.0000,
0.0000

153.7120,
-43.2420, 56.3806

221.6870,
-38.7927, 29.2155

127.2170,
-42.5050, 53.3067

241.7880,
-35.3915, 11.5869

100.5650,
-43.6625, 51.2475

248.5020,
-24.8975, 5.6987

76.1390, -37.5365,
46.3591

251.8080,
-12.2303, 2.7994

54.2660, -26.7531,
40.9857

32.9800, -16.2591,
35.0975

14.0530, -6.9281,

28.8945

■ 1.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 181.6800,
-44.7052, 59.0396

■ 181.6800,
-44.7052, 59.0396

■ 171.1990,
-51.8631, 68.2315

■ 192.1610,
-37.5474, 49.8478

■ 160.7180,
-59.0210, 77.4233

■ 202.6420,
-30.3895, 40.6560

■ 149.6500,
-65.8894, 87.1299

■ 213.7100,
-23.5210, 30.9493

■ 143.1300,
-70.5631, 92.8480

■ 224.1910,
-16.3632, 21.7575

234.6720, -9.2053,
12.5657

245.0390, -2.4842,
3.4738

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



177.2400, -23.7823, 68.1955



181.6800, -44.7052, 59.0396



178.0920, -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.



181.6800, -44.7052, 59.0396



144.9300, 22.2195, -127.1036



186.0020, 34.0160, 9.6452

Complementary

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



181.6800, -44.7052, 59.0396



158.3200, 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.



169.9350, 41.9370, -57.8250



181.6800, -44.7052, 59.0396



149.4560, 44.6382, -131.0729

Square

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



181.6800, -44.7052, 59.0396



160.7590, -11.7132, -69.9486



147.0570, 53.2159, -128.9690



188.6290, 19.9029, 56.4534

Rectangle

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



181.6800, -44.7052, 59.0396



174.5230, -43.6418, -2.2127



147.0570, 53.2159, -128.9690



182.3370, 35.8229, -9.9425

Sweetspot

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



181.6800, -44.7052, 59.0396



234.2660, -13.4421, 18.1837



147.8180, 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.



181.6800, -44.7052, 59.0396



172.4230, -54.9315, 72.4200



228.0530, -67.5671, 18.3705



119.4090, -3.6526, 4.9033



108.1670, -53.3263, 70.8905



35.2620, -17.3842, 22.5722

Inverse Universe

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



158.3200, 44.7052, -59.0396



143.5770, 54.9315, -72.4200



111.9470, 67.5671, -18.3705



117.5910, 3.6526, -4.9033



80.2460, 53.6157, -70.3757



26.3250, 17.0948, -23.0870

Previews

White Background



This preview shows how the YUV color 181.6800, -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 181.6800, -44.7052, 59.0396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

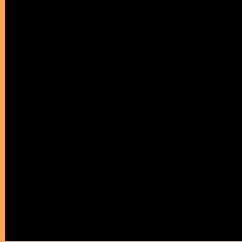
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.6800, -44.7052, 59.0396

Background



This preview shows how black text looks on a background with the YUV color 181.6800, -44.7052, 59.0396.



This preview shows how white text looks on a background with the YUV color 181.6800, -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

181.6800, -44.7052, 59.0396

Protanopia

179.7630, -40.8022, 20.3788

Deuteranopia

180.7440, -45.2298, 40.5665



Tritanopia

186.6700, -9.2043, 59.0484

Trichromacy



Original Color

181.6800, -44.7052, 59.0396

Protanomaly

180.5090, -42.1559, 34.6336

Deuteranomaly

180.9020, -44.8147, 47.4439

Tritanomaly

184.6410, -22.0080, 59.0738

Monochromacy



Original Color

181.6800, -44.7052, 59.0396

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.8920, -16.2158, 21.1427

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.6800, -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(249, 165, 91)` looks like.

```
.text, #text, p{  
    color:rgb(249, 165, 91)  
}
```

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(249, 165, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 165, 91) }
```

Border

The CSS property to change the border of an element to YUV 181.6800, -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(249, 165, 91) }
```


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

```
.border{ border-color:rgb(249, 165, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 165, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 165, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 165, 91);  
box-shadow:4px 4px 4px 4px rgb(249, 165,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 181.6800, -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(249, 165, 91) }
```

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

```
.background{ background-color: rgb(249,  
165, 91) }
```

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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