

Converting Colors

YUV(188.7160, -39.3000,
51.9921)

Have a look what the booklet for
YUV(188.7160, -39.3000, 51.9921)
contains.

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Color

**YUV(188.7160, -39.3000,
51.9921)**

Conversions

Conversions Part 1

Format	Color
Hex	F8AE6D
RGB	248, 174, 109
RGB Percent	97%, 68%, 43%
CMY	0.0275, 0.3176, 0.5725
CMYK	0.00, 0.30, 0.56, 0.03
HSL	28°, 91%, 70%
HSV	28°, 56%, 97%
XYZ	56.6078, 51.3327, 21.3926
YIQ	188.7160, 64.9690, -4.5270

Conversions

Conversions Part 2

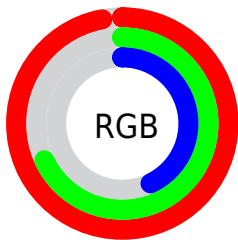
Format	Color
R _Y B	248, 231, 109
Decimal	16297581
CIE Lab	76.88, 20.33, 43.87
CIE LCh	77, 48.352, 65.133
Yxy	51.3327, 0.4377, 0.3969
Android (android.graphics.Color)	4294487661 (0xFFF8AE6D)
YUV	188.7160, -39.3000, 51.9921
Hunter-Lab	71.6468, 15.6499, 32.4497

Details

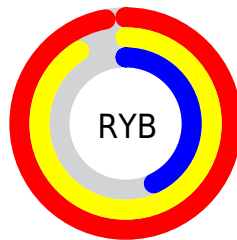
The YUV color **188.7160, -39.3000, 51.9921** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **168.2840, 39.3000, -51.9921**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7230, -33.3874, 22.1679**, and **133.9650, -36.9577, 47.3887** is the 20% darker color. If you saturate the color by 10%, you get **178.2350, -46.4579, 61.1839**, and if you desaturate by 10%, it is **199.1970, -32.1421, 42.8002**.

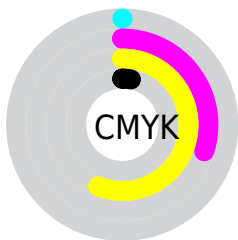
Distribution



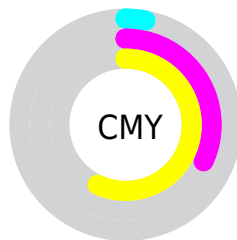
- Red (97%)
- Green (68%)
- Blue (43%)



- Red (97%)
- Yellow (91%)
- Blue (43%)



- Cyan (0%)
- Magenta (30%)
- Yellow (56%)
- Black (3%)



- Cyan (3%)
- Magenta (32%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.7160, -39.3000, 51.9921 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 188.7160, -39.3000, 51.9921 by changing the saturation by 10% instead.

188.7160,
-39.3000, 51.9921

188.7160,
-39.3000, 51.9921

255.0000, 0.0000,
0.0000

161.0470,
-37.9842, 49.9478

229.7230,
-33.3874, 22.1679

133.9650,
-36.9577, 47.3887

247.4760,
-28.8287, 6.5985

107.8830,
-35.9313, 44.8296

250.6680,
-16.5983, 3.7992

82.0460, -36.5047,
42.0557

253.9740, -3.9312,
0.8998

59.5600, -29.3631,
38.0969

38.8610, -19.1585,
31.6939

17.8740, -8.8119,

26.4205

■ 5.0830, -2.5059,
10.4512

■ 0.0000, 0.0000,
0.0000

■ 188.7160,
-39.3000, 51.9921

■ 188.7160,
-39.3000, 51.9921

■ 178.2350,
-46.4579, 61.1839

■ 199.1970,
-32.1421, 42.8002

■ 167.7540,
-53.6157, 70.3757

■ 209.6780,
-24.9843, 33.6084

■ 156.8000,
-60.0474, 79.9824

■ 220.6320,
-18.5526, 24.0017

■ 146.3190,
-67.2053, 89.1742

■ 231.1130,
-11.3947, 14.8099

142.2440,
-70.1263, 92.7480

241.5940, -4.2368,
5.6181

251.7330, 1.6106,
-3.2738

252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



185.6520, -22.0134, 60.8182



188.7160, -39.3000, 51.9921



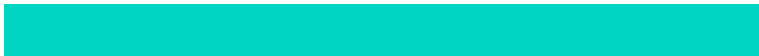
185.6060, -42.6968, 21.3935

Triad

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



188.7160, -39.3000, 51.9921



147.3750, 23.9721, -129.2479



192.7910, 30.6690, 9.8303

Complementary

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



188.7160, -39.3000, 51.9921



168.2840, 39.3000, -51.9921

Split Complementary

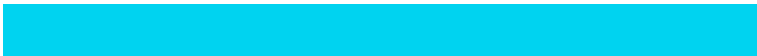
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



181.2420, 36.3627, -43.1852



188.7160, -39.3000, 51.9921



151.2170, 43.7700, -132.6173

Square

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



188.7160, -39.3000, 51.9921



171.8790, -10.2933, -58.6529



148.8180, 52.3477, -130.5134



195.2600, 16.1408, 49.7610

Rectangle

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



188.7160, -39.3000, 51.9921



182.7170, -37.8215, -2.3828



148.8180, 52.3477, -130.5134



190.0340, 32.0282, -6.1688

Sweetspot

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



188.7160, -39.3000, 51.9921



236.5970, -12.1263, 16.1394



158.9970, 11.8335, 78.0556



116.8180, -7.3053, 9.8066



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.



188.7160, -39.3000, 51.9921



182.0890, -48.3579, 63.9429



229.2190, -59.2680, 16.4709



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.



168.2840, 39.3000, -51.9921



156.9110, 48.3579, -63.9429



127.7810, 59.2680, -16.4709



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 188.7160, -39.3000, 51.9921 looks on a white background.

Color Contrast Check

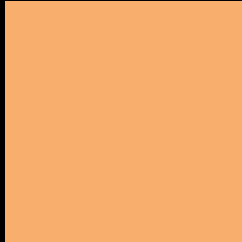
Large Text (above 18pt) WCAG AA × Fail

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 188.7160, -39.3000, 51.9921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

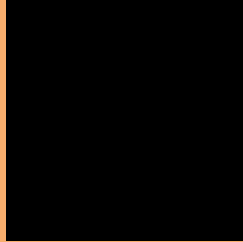
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.7160, -39.3000, 51.9921

Background



This preview shows how black text looks on a background with the YUV color 188.7160, -39.3000, 51.9921.



This preview shows how white text looks on a background with the YUV color 188.7160, -39.3000, 51.9921.

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

188.7160, -39.3000, 51.9921

Protanopia

186.8320, -35.4132, 18.5643

Deuteranopia

187.8130, -39.8408, 38.7520



Tritanopia

193.3810, -7.5828, 52.2859

Trichromacy



Original Color

188.7160, -39.3000, 51.9921

Protanomaly

187.5670, -36.7615, 31.0747

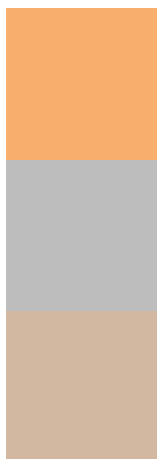
Deuteranomaly

187.9600, -39.4203, 43.8851

Tritanomaly

191.6940, -19.0761, 52.0114

Monochromacy



Original Color

188.7160, -39.3000, 51.9921

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0380, -14.3157, 18.3837

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.7160, -39.3000, 51.9921 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(248, 174, 109)` looks like.

```
.text, #text, p{  
    color:rgb(248, 174, 109)  
}
```

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(248, 174, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 174, 109) }
```

Border

The CSS property to change the border of an element to YUV 188.7160, -39.3000, 51.9921 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(248, 174, 109) }
```


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

```
.border{ border-color:rgb(248, 174, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 174, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 174, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 174, 109);  
box-shadow:4px 4px 4px 4px rgb(248, 174,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 188.7160, -39.3000, 51.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 174, 109) }
```

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

```
.background{ background-color: rgb(248,  
174, 109) }
```

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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