

Converting Colors

YUV(187.7600, -39.3217,
58.9695)

Have a look what the booklet for
YUV(187.7600, -39.3217, 58.9695)
contains.

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Color

**YUV(187.7600, -39.3217,
58.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA96C
RGB	255, 169, 108
RGB Percent	100%, 66%, 42%
CMY	0.0000, 0.3373, 0.5765
CMYK	0.00, 0.34, 0.58, 0.00
HSL	25°, 100%, 71%
HSV	25°, 58%, 100%
XYZ	58.1347, 50.7186, 20.9130
YIQ	187.7600, 70.8370, -0.7390

Conversions

Conversions Part 2

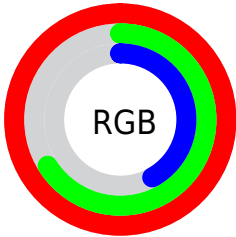
Format	Color
R_{YB}	255, 212, 108
Decimal	16755052
CIE _{Lab}	76.51, 25.68, 44.10
CIE _{LCh}	77, 51.037, 59.785
Yxy	50.7186, 0.4480, 0.3908
Android (android.graphics.Color)	4294945132 (0xFFFFA96C)
YUV	187.7600, -39.3217, 58.9695
Hunter-Lab	71.2170, 21.0805, 32.4413

Details

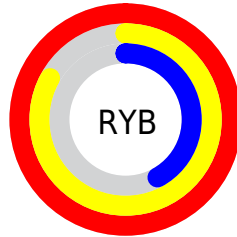
The YUV color **187.7600, -39.3217, 58.9695** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **175.2400, 39.3217, -58.9695**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.6740, -32.3773, 24.8419**, and **132.7100, -36.8320, 53.7513** is the 20% darker color. If you saturate the color by 10%, you get **176.1050, -45.9008, 69.1909**, and if you desaturate by 10%, it is **199.5290, -32.3058, 48.6481**.

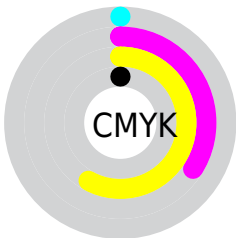
Distribution



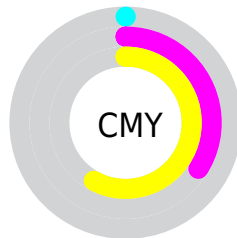
- Red (100%)
- Green (66%)
- Blue (42%)



- Red (100%)
- Yellow (83%)
- Blue (42%)



- Cyan (0%)
- Magenta (34%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.7600, -39.3217, 58.9695 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 187.7600, -39.3217, 58.9695 by changing the saturation by 10% instead.

187.7600,
-39.3217, 58.9695

187.7600,
-39.3217, 58.9695

255.0000, 0.0000,
0.0000

159.7920,
-37.8585, 56.3104

226.6740,
-32.3773, 24.8419

132.7100,
-36.8320, 53.7513

246.1880,
-28.6867, 7.7281

106.6280,
-35.8056, 51.1922

250.5540,
-17.0351, 3.8991

80.7910, -36.3790,
48.4183

253.8600, -4.3680,
0.9998

57.8210, -28.5058,
43.1300

35.9480, -17.7224,
37.7566

15.5480, -7.6652,

31.9684

■ 6.8770, -3.3904,
14.1399

■ 0.0000, 0.0000,
0.0000

■ 187.7600,
-39.3217, 58.9695

■ 187.7600,
-39.3217, 58.9695

■ 176.1050,
-45.9008, 69.1909

■ 199.5290,
-32.3058, 48.6481

■ 164.3360,
-52.9166, 79.5123

■ 211.1840,
-25.7267, 38.4266

■ 152.6810,
-59.4957, 89.7338

■ 222.9530,
-18.7108, 28.1052

■ 140.9120,
-66.5116, 100.0552

■ 234.6080,
-12.1317, 17.8838

138.4670,
-68.2642, 102.1994

246.3770, -5.1159,
7.5624

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.



183.0590, -19.2561, 63.0923



187.7600, -39.3217, 58.9695



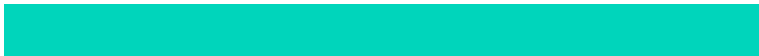
184.8520, -45.7760, 29.0708

Triad

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



187.7600, -39.3217, 58.9695



146.3490, 20.0409, -128.3481



190.3770, 31.8591, 1.4234

Complementary

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



187.7600, -39.3217, 58.9695



175.2400, 39.3217, -58.9695

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.



174.9410, 39.4691, -59.5843



187.7600, -39.3217, 58.9695



151.1200, 40.8598, -132.5322

Square

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



187.7600, -39.3217, 58.9695



171.4190, -15.9826, -53.8645



149.9920, 51.7689, -131.5430



194.2040, 21.0984, 46.3021

Rectangle

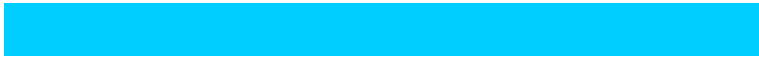
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187.7600, -39.3217, 58.9695



182.0230, -41.9163, 4.3648



149.9920, 51.7689, -131.5430



186.4240, 33.8080, -17.0348

Sweetspot

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



187.7600, -39.3217, 58.9695



235.4230, -11.5475, 17.1690



161.9850, 16.7694, 81.5742



116.2310, -7.0159, 10.3214



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.



187.7600, -39.3217, 58.9695



174.4750, -47.0692, 70.6204



229.4370, -59.8684, 22.4188



121.8220, -3.3632, 5.4181



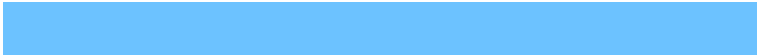
103.4820, -51.0166, 76.7533



34.3980, -16.9582, 25.9610

Inverse Universe

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



175.2400, 39.3217, -58.9695



159.5250, 47.0692, -70.6204



133.5630, 59.8684, -22.4188



120.5910, 3.6526, -4.9033



87.5180, 51.0166, -76.7533



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 187.7600, -39.3217, 58.9695 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 187.7600, -39.3217, 58.9695 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 187.7600, -39.3217, 58.9695

Background



This preview shows how black text looks on a background with the YUV color 187.7600, -39.3217, 58.9695.



This preview shows how white text looks on a background with the YUV color 187.7600, -39.3217,

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

187.7600, -39.3217, 58.9695

Protanopia

185.9460, -34.9764, 18.4644

Deuteranopia

186.8130, -39.8408, 38.7520



Tritanopia

191.7620, -8.7567, 55.4597

Trichromacy



Original Color

187.7600, -39.3217, 58.9695

Protanomaly

186.5780, -36.7670, 32.8191

Deuteranomaly

187.2700, -39.5731, 46.2442

Tritanomaly

190.2000, -19.8186, 56.8296

Monochromacy



Original Color

187.7600, -39.3217, 58.9695

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7610, -14.1792, 21.2576

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.7600, -39.3217, 58.9695 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, 169, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 108)  
}
```

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, 169, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 108) }
```

Border

The CSS property to change the border of an element to YUV 187.7600, -39.3217, 58.9695 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

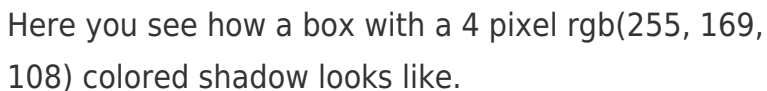
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 169, 108) }
```


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

```
.border{ border-color:rgb(255, 169, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 169, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 187.7600, -39.3217, 58.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 108) }
```

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

```
.background{ background-color: rgb(255,  
169, 108) }
```

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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