

Converting Colors

YUV(191.7380, -39.3108,
55.4808)

Have a look what the booklet for
YUV(191.7380, -39.3108, 55.4808)
contains.

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Color

**YUV(191.7380, -39.3108,
55.4808)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF70
RGB	255, 175, 112
RGB Percent	100%, 69%, 44%
CMY	0.0000, 0.3137, 0.5608
CMYK	0.00, 0.31, 0.56, 0.00
HSL	26°, 100%, 72%
HSV	26°, 56%, 100%
XYZ	59.4946, 53.0898, 22.4409
YIQ	191.7380, 67.9030, -2.6330

Conversions

Conversions Part 2

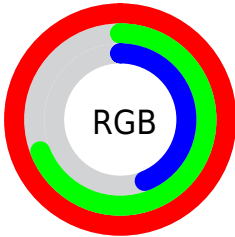
Format	Color
R_{YB}	255, 225, 112
Decimal	16756592
CIE _{Lab}	77.93, 22.85, 43.81
CIE _{LCh}	78, 49.407, 62.455
Yxy	53.0898, 0.4406, 0.3932
Android (android.graphics.Color)	4294946672 (0xFFFFAF70)
YUV	191.7380, -39.3108, 55.4808
Hunter-Lab	72.8627, 18.2408, 32.7433

Details

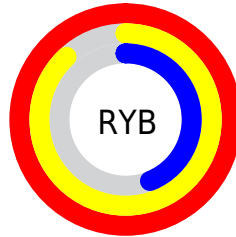
The YUV color **191.7380, -39.3108, 55.4808** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **175.2620, 39.3108, -55.4808**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6520, -32.3664, 21.3532**, and **136.9870, -36.9686, 50.8774** is the 20% darker color. If you saturate the color by 10%, you get **180.6700, -46.1793, 65.1874**, and if you desaturate by 10%, it is **202.9200, -32.0056, 45.6742**.

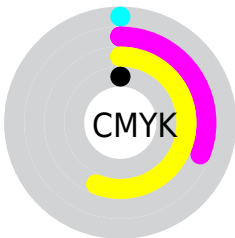
Distribution



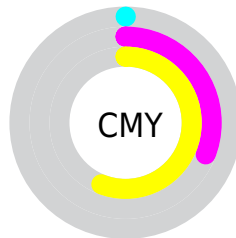
- Red (100%)
- Green (69%)
- Blue (44%)



- Red (100%)
- Yellow (88%)
- Blue (44%)



- Cyan (0%)
- Magenta (31%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.7380, -39.3108, 55.4808 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 191.7380, -39.3108, 55.4808 by changing the saturation by 10% instead.

191.7380,
-39.3108, 55.4808

191.7380,
-39.3108, 55.4808

255.0000, 0.0000,
0.0000

164.0690,
-37.9950, 53.4365

230.6520,
-32.3664, 21.3532

136.9870,
-36.9686, 50.8774

247.8180,
-27.5183, 6.2986

110.6060,
-35.7948, 47.7035

251.1240,
-14.8511, 3.3993

84.8830, -35.9313,
44.8296

254.3160, -2.6208,
0.5999

61.6420, -30.3895,
40.6560

40.3560, -19.8955,
34.7678

19.3690, -9.5489,

29.4944

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 191.7380,
-39.3108, 55.4808

■ 191.7380,
-39.3108, 55.4808

■ 180.6700,
-46.1793, 65.1874

■ 202.9200,
-32.0056, 45.6742

■ 168.9010,
-53.1952, 75.5088

■ 214.5750,
-25.4265, 35.4527

■ 157.7190,
-60.5005, 85.3154

■ 225.7570,
-18.1212, 25.6461

■ 146.6510,
-67.3689, 95.0221

■ 236.8250,
-11.2527, 15.9395

■ 141.9890,
-70.0006, 99.1106

■ 248.0070, -3.9475,
6.1329

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.



186.8090, -20.1188, 59.8035



191.7380, -39.3108, 55.4808



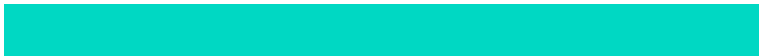
188.2860, -44.0180, 25.1822

Triad

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



191.7380, -39.3108, 55.4808



149.0220, 22.6672, -130.6923



194.5410, 29.8063, 6.5415

Complementary

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



191.7380, -39.3108, 55.4808



175.2620, 39.3108, -55.4808

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.



181.4970, 36.2370, -49.5479



191.7380, -39.3108, 55.4808



153.5650, 42.6125, -134.6765

Square

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



191.7380, -39.3108, 55.4808



175.5050, -13.0670, -55.6939



151.7530, 50.9008, -133.0874



198.2320, 18.6196, 48.0315

Rectangle

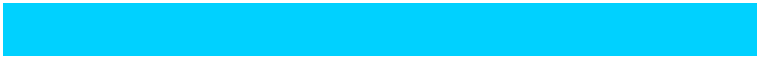
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



191.7380, -39.3108, 55.4808



185.8700, -39.8689, 0.9910



151.7530, 50.9008, -133.0874



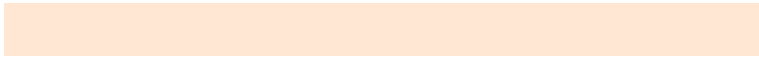
191.1860, 31.4603, -10.6871

Sweetspot

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



191.7380, -39.3108, 55.4808



236.0100, -11.8369, 16.6542



163.9910, 14.3014, 79.8149



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.



191.7380, -39.3108, 55.4808



179.1540, -46.9109, 66.5169



232.8280, -59.5682, 19.4448



121.8220, -3.3632, 5.4181



106.4170, -52.4636, 74.1793



35.5720, -17.5370, 24.9314

Inverse Universe

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



175.2620, 39.3108, -55.4808



159.8460, 46.9109, -66.5169



134.1720, 59.5682, -19.4448



120.5910, 3.6526, -4.9033



84.5830, 52.4636, -74.1793



28.4280, 17.5370, -24.9314

Previews

White Background



This preview shows how the YUV color 191.7380, -39.3108, 55.4808 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 191.7380, -39.3108, 55.4808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

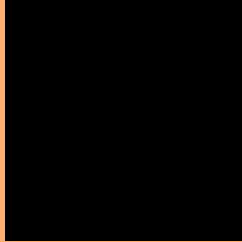
Any Text WCAG AA ✓ Pass

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 191.7380, -39.3108, 55.4808 Background



This preview shows how black text looks on a background with the YUV color 191.7380, -39.3108, 55.4808.



This preview shows how white text looks on a background with the YUV color 191.7380, -39.3108, 55.4808.

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

191.7380, -39.3108, 55.4808

Protanopia

189.9460, -34.9764, 18.4644

Deuteranopia

190.8130, -39.8408, 38.7520



Tritanopia

196.0820, -7.4354, 51.6711

Trichromacy



Original Color

191.7380, -39.3108, 55.4808

Protanomaly

190.2790, -36.6195, 32.2043

Deuteranomaly

191.2590, -39.5677, 44.4999

Tritanomaly

194.4060, -18.9342, 53.1409

Monochromacy



Original Color

191.7380, -39.3108, 55.4808

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.0490, -14.3212, 20.1280

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.7380, -39.3108, 55.4808 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, 175, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 112)  
}
```

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, 175, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 112) }
```

Border

The CSS property to change the border of an element to YUV 191.7380, -39.3108, 55.4808 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, 175, 112) }
```


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

```
.border{ border-color:rgb(255, 175, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 191.7380, -39.3108, 55.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 112) }
```

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

```
.background{ background-color: rgb(255,  
175, 112) }
```

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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