

Converting Colors

YUV(191.0800, -38.0004,
55.1808)

Have a look what the booklet for
YUV(191.0800, -38.0004, 55.1808)
contains.

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Color

**YUV(191.0800, -38.0004,
55.1808)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FEAE72 |
| RGB | 254, 174, 114 |
| RGB Percent | 100%, 68%, 45% |
| CMY | 0.0039, 0.3176, 0.5529 |
| CMYK | 0.00, 0.31, 0.55, 0.00 |
| HSL | 26°, 99%, 72% |
| HSV | 26°, 55%, 100% |
| XYZ | 59.0464, 52.5578, 22.9522 |
| YIQ | 191.0800, 66.9400, -1.7000 |

Conversions

Conversions Part 2

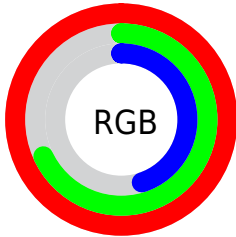
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 254, 219, 114 |
| Decimal | 16690802 |
| CIE Lab | 77.61, 23.13, 42.37 |
| CIE LCh | 78, 48.275, 61.373 |
| Yxy | 52.5578, 0.4388, 0.3906 |
| Android (android.graphics.Color) | 4294880882 (0xFFFEAE72) |
| YUV | 191.0800, -38.0004, 55.1808 |
| Hunter-Lab | 72.4968, 18.5133, 31.9768 |

Details

The YUV color **191.0800, -38.0004, 55.1808** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **176.9200, 38.0004, -55.1808**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.2930, -31.2034, 21.6680**, and **136.3290, -35.6582, 50.5775** is the 20% darker color. If you saturate the color by 10%, you get **179.4250, -44.5795, 65.4023**, and if you desaturate by 10%, it is **202.7350, -31.4214, 44.9594**.

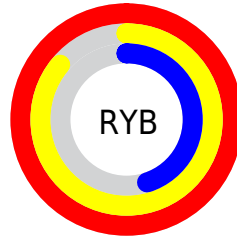
Distribution



Red (100%)

Green (68%)

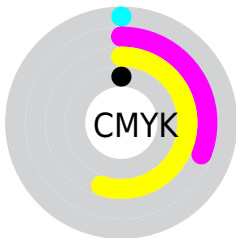
Blue (45%)



Red (100%)

Yellow (86%)

Blue (45%)

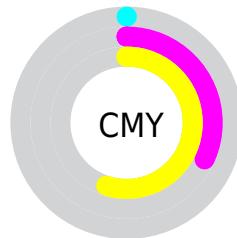


Cyan (0%)

Magenta (31%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.0800, -38.0004, 55.1808 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 191.0800, -38.0004, 55.1808 by changing the saturation by 10% instead.

191.0800,
-38.0004, 55.1808

191.0800,
-38.0004, 55.1808

255.0000, 0.0000,
0.0000

163.4110,
-36.6846, 53.1366

230.2930,
-31.2034, 21.6680

136.3290,
-35.6582, 50.5775

248.0460,
-26.6447, 6.0987

109.9480,
-34.4844, 47.4036

251.3520,
-13.9775, 3.1993

84.6380, -34.3315,
45.0445

254.5440, -1.7472,
0.3999

60.7560, -29.9527,
40.5560

39.7690, -19.6061,
35.2826

18.7820, -9.2595,

30.0092

■ 7.8880, -3.3958,
15.8842

■ 0.0000, 0.0000,
0.0000

■ 191.0800,
-38.0004, 55.1808

■ 191.0800,
-38.0004, 55.1808

■ 179.4250,
-44.5795, 65.4023

■ 202.7350,
-31.4214, 44.9594

■ 168.2430,
-51.8848, 75.2089

■ 213.9170,
-24.1161, 35.1528

■ 156.5880,
-58.4639, 85.4303

■ 225.5720,
-17.5370, 24.9314

■ 145.4060,
-65.7692, 95.2369

■ 236.7540,
-10.2317, 15.1247

139.9290,
-68.9850, 100.0403

248.4090, -3.6526,
4.9033

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



187.0370, -19.2452, 59.6036



191.0800, -38.0004, 55.1808



188.1120, -43.4392, 26.2118

Triad

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



191.0800, -38.0004, 55.1808



152.8770, 19.2876, -120.0411



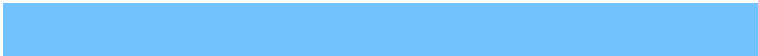
193.6440, 30.2485, 4.6972

Complementary

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



191.0800, -38.0004, 55.1808



176.9200, 38.0004, -55.1808

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.



180.8990, 36.5318, -50.7774



191.0800, -38.0004, 55.1808



152.6360, 41.5915, -133.8618

Square

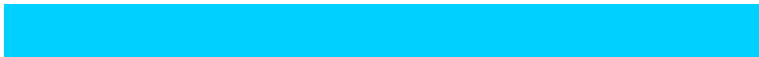
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



191.0800, -38.0004, 55.1808



175.2990, -13.9514, -52.0052



151.1660, 51.1902, -132.5726



196.9220, 18.7725, 45.6724

Rectangle

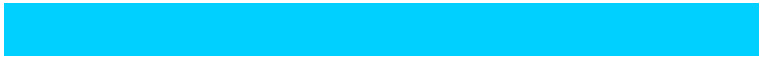
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



191.0800, -38.0004, 55.1808



185.1090, -39.0007, 2.5354



151.1660, 51.1902, -132.5726



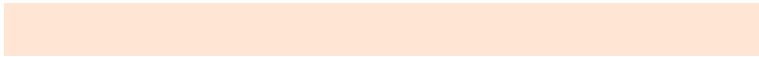
190.2890, 31.9025, -12.5315

Sweetspot

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



191.0800, -38.0004, 55.1808



235.4230, -11.5475, 17.1690



165.2080, 15.1805, 77.8706



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.



191.0800, -38.0004, 55.1808



179.4960, -45.6005, 66.2170



230.9960, -57.6790, 20.1745



121.8220, -3.3632, 5.4181



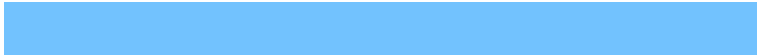
105.2430, -51.8848, 75.2089



34.9850, -17.2476, 25.4462

Inverse Universe

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



176.9200, 38.0004, -55.1808



162.5040, 45.6005, -66.2170



137.0040, 57.6790, -20.1745



120.5910, 3.6526, -4.9033



85.7570, 51.8848, -75.2089



28.4280, 17.5370, -24.9314

Previews

White Background



This preview shows how the YUV color 191.0800, -38.0004, 55.1808 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 191.0800, -38.0004, 55.1808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

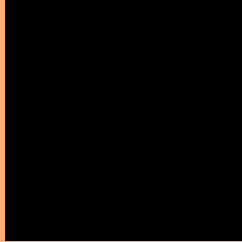
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.0800, -38.0004, 55.1808

Background



This preview shows how black text looks on a background with the YUV color 191.0800, -38.0004, 55.1808.



This preview shows how white text looks on a background with the YUV color 191.0800, -38.0004,

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

191.0800, -38.0004, 55.1808

Protanopia

188.9890, -33.5186, 17.5496

Deuteranopia

190.1550, -38.5304, 38.4521



Tritanopia

195.2670, -8.0196, 52.3858

Trichromacy



Original Color

191.0800, -38.0004, 55.1808

Protanomaly

189.3220, -35.1617, 31.2896

Deuteranomaly

190.6010, -38.2573, 44.1999

Tritanomaly

193.7050, -19.0816, 53.7557

Monochromacy



Original Color

191.0800, -38.0004, 55.1808

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.1630, -13.8844, 20.0280

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.0800, -38.0004, 55.1808 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(254, 174, 114)` looks like.

```
.text, #text, p{  
    color:rgb(254, 174, 114)  
}
```

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(254, 174, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 174, 114) }
```

Border

The CSS property to change the border of an element to YUV 191.0800, -38.0004, 55.1808 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(254, 174, 114) }
```


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

```
.border{ border-color:rgb(254, 174, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 174, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 174, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 174, 114);  
box-shadow:4px 4px 4px 4px rgb(254, 174,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 191.0800, -38.0004, 55.1808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 174, 114) }
```

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

```
.background{ background-color: rgb(254,  
174, 114) }
```

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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