

Converting Colors

YUV(190.0110, -43.3894,
56.9954)

Have a look what the booklet for
YUV(190.0110, -43.3894, 56.9954)
contains.

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Color

**YUV(190.0110, -43.3894,
56.9954)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFAE66 |
| RGB | 255, 174, 102 |
| RGB Percent | 100%, 68%, 40% |
| CMY | 0.0000, 0.3176, 0.6000 |
| CMYK | 0.00, 0.32, 0.60, 0.00 |
| HSL | 28°, 100%, 70% |
| HSV | 28°, 60%, 100% |
| XYZ | 58.7743, 52.4914, 19.6045 |
| YIQ | 190.0110, 71.3880, -5.2200 |

Conversions

Conversions Part 2

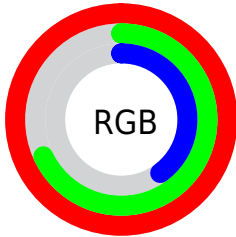
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 238, 102 |
| Decimal | 16756326 |
| CIE _{Lab} | 77.57, 22.64, 48.40 |
| CIE _{LCh} | 78, 53.433, 64.929 |
| Yxy | 52.4914, 0.4491, 0.4011 |
| Android (android.graphics.Color) | 4294946406 (0xFFFFAE66) |
| YUV | 190.0110, -43.3894, 56.9954 |
| Hunter-Lab | 72.4510, 18.0152, 34.6724 |

Details

The YUV color **190.0110, -43.3894, 56.9954** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **166.9890, 43.3894, -56.9954**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9250, -36.4450, 22.8678**, and **134.9610, -40.8998, 51.7772** is the 20% darker color. If you saturate the color by 10%, you get **179.5300, -50.5473, 66.1872**, and if you desaturate by 10%, it is **201.1930, -36.0841, 47.1887**.

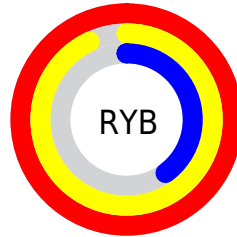
Distribution



Red (100%)

Green (68%)

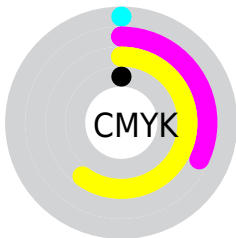
Blue (40%)



Red (100%)

Yellow (93%)

Blue (40%)

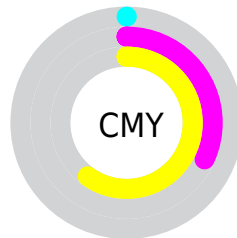


Cyan (0%)

Magenta (32%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.0110, -43.3894, 56.9954 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 190.0110, -43.3894, 56.9954 by changing the saturation by 10% instead.

190.0110,
-43.3894, 56.9954

190.0110,
-43.3894, 56.9954

255.0000, 0.0000,
0.0000

162.0430,
-41.9262, 54.3363

228.9250,
-36.4450, 22.8678

134.9610,
-40.8998, 51.7772

246.6780,
-31.8863, 7.2984

108.6510,
-40.7469, 49.4181

249.8700,
-19.6559, 4.4990

82.9280, -40.8835,
46.5441

253.1760, -6.9888,
1.5996

60.7560, -29.9527,
40.5560

39.4700, -19.4587,
34.6678

18.4830, -9.1121,

29.3944

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,
0.0000

■ 190.0110,
-43.3894, 56.9954

■ 190.0110,
-43.3894, 56.9954

■ 179.5300,
-50.5473, 66.1872

■ 201.1930,
-36.0841, 47.1887

■ 168.3480,
-57.8526, 75.9938

■ 211.6740,
-28.9263, 37.9969

■ 157.1660,
-65.1578, 85.8004

■ 222.8560,
-21.6210, 28.1903

■ 146.6850,
-72.3157, 94.9923

■ 233.3370,
-14.4631, 18.9985

244.5190, -7.1579,
9.1918

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.



184.1360, -22.7450, 62.1477



190.0110, -43.3894, 56.9954



186.9500, -47.7963, 23.7229

Triad

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



190.0110, -43.3894, 56.9954



150.0650, 24.1250, -131.6070



193.9760, 30.0848, 10.5450

Complementary

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



190.0110, -43.3894, 56.9954



166.9890, 43.3894, -56.9954

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.



179.4260, 37.2580, -50.3626



190.0110, -43.3894, 56.9954



154.3630, 45.6700, -135.3764

Square

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



190.0110, -43.3894, 56.9954



170.8950, -11.2872, -66.5599



151.1660, 51.1902, -132.5726



195.7810, 19.3350, 51.9351

Rectangle

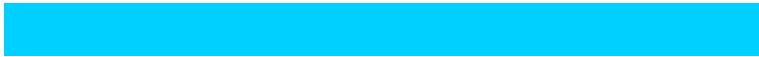
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



190.0110, -43.3894, 56.9954



182.9790, -41.8946, -2.6126



151.1660, 51.1902, -132.5726



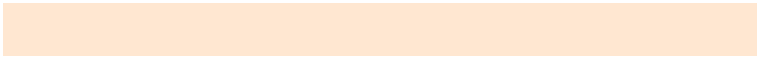
190.3220, 31.8863, -7.2984

Sweetspot

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



190.0110, -43.3894, 56.9954



235.6680, -13.1473, 16.9542



157.0950, 13.2642, 85.8627



115.8890, -8.3263, 10.6213



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.



190.0110, -43.3894, 56.9954



177.0850, -52.2999, 68.3315



234.6230, -65.3831, 17.8706



122.4090, -3.6526, 4.9033



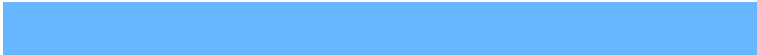
109.9390, -54.1999, 71.0905



36.7460, -18.1158, 23.9018

Inverse Universe

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



166.9890, 43.3894, -56.9954



149.5020, 52.0105, -68.8463



122.3770, 65.3831, -17.8706



120.5910, 3.6526, -4.9033



81.0610, 54.1999, -71.0905



27.2540, 18.1158, -23.9018

Previews

White Background



This preview shows how the YUV color 190.0110, -43.3894, 56.9954 looks on a white background.

Color Contrast Check

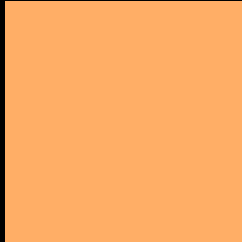
Large Text (above 18pt) WCAG AA × Fail

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 190.0110, -43.3894, 56.9954 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 190.0110, -43.3894, 56.9954 Background



This preview shows how black text looks on a background with the YUV color 190.0110, -43.3894, 56.9954.



This preview shows how white text looks on a background with the YUV color 190.0110, -43.3894,

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

190.0110, -43.3894, 56.9954

Protanopia

188.1050, -39.4918, 20.0789

Deuteranopia

189.3850, -44.0668, 40.8814



Tritanopia

195.2670, -8.0196, 52.3858

Trichromacy



Original Color

190.0110, -43.3894, 56.9954

Protanomaly

188.5520, -40.6981, 33.7189

Deuteranomaly

189.8310, -43.7937, 46.6292

Tritanomaly

193.2490, -20.8288, 54.1556

Monochromacy



Original Color

190.0110, -43.3894, 56.9954

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0060, -15.7790, 21.0427

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.0110, -43.3894, 56.9954 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, 174, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 102)  
}
```

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, 174, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 102) }
```

Border

The CSS property to change the border of an element to YUV 190.0110, -43.3894, 56.9954 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, 174, 102) }
```


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

```
.border{ border-color:rgb(255, 174, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 190.0110, -43.3894, 56.9954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 102) }
```

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

```
.background{ background-color: rgb(255,  
174, 102) }
```

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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