

Converting Colors

YUV(191.7720, -44.2576,
55.4510)

Have a look what the booklet for
YUV(191.7720, -44.2576, 55.4510)
contains.

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Color

**YUV(191.7720, -44.2576,
55.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB166
RGB	255, 177, 102
RGB Percent	100%, 69%, 40%
CMY	0.0000, 0.3059, 0.6000
CMYK	0.00, 0.31, 0.60, 0.00
HSL	29°, 100%, 70%
HSV	29°, 60%, 100%
XYZ	59.3604, 53.6636, 19.7998
YIQ	191.7720, 70.5630, -6.7890

Conversions

Conversions Part 2

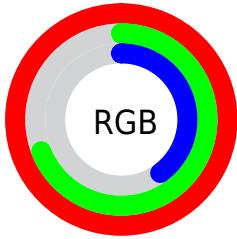
Format	Color
R_{YB}	255, 249, 102
Decimal	16757094
CIE _{Lab}	78.27, 21.07, 49.22
CIE _{LCh}	78, 53.539, 66.821
Yxy	53.6636, 0.4469, 0.4040
Android (android.graphics.Color)	4294947174 (0xFFFFB166)
YUV	191.7720, -44.2576, 55.4510
Hunter-Lab	73.2554, 16.4453, 35.2536

Details

The YUV color **191.7720, -44.2576, 55.4510** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **165.2280, 44.2576, -55.4510**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6860, -37.3132, 21.3234**, and **136.7220, -41.7679, 50.2328** is the 20% darker color. If you saturate the color by 10%, you get **181.2910, -51.4155, 64.6428**, and if you desaturate by 10%, it is **202.3670, -36.6629, 46.1591**.

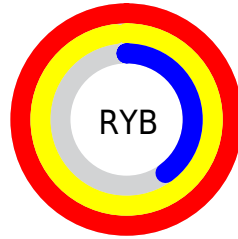
Distribution



Red (100%)

Green (69%)

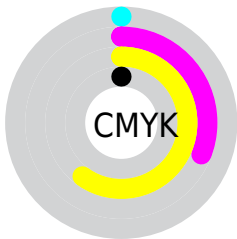
Blue (40%)



Red (100%)

Yellow (98%)

Blue (40%)

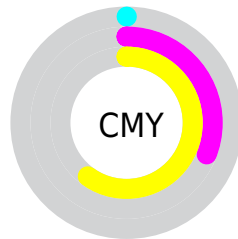


Cyan (0%)

Magenta (31%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.7720, -44.2576, 55.4510 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 191.7720, -44.2576, 55.4510 by changing the saturation by 10% instead.


 191.7720,
-44.2576, 55.4510

 191.7720,
-44.2576, 55.4510


255.0000, 0.0000,
0.0000

 163.8040,
-42.7944, 52.7919


 230.6860,
-37.3132, 21.3234


 136.7220,
-41.7679, 50.2328


 246.6780,
-31.8863, 7.2984


 110.4120,
-41.6151, 47.8737

 249.8700,
-19.6559, 4.4990

 84.6890, -41.7517,
44.9997

 253.1760, -6.9888,
1.5996

 62.8160, -30.9683,
39.6264

 41.2310, -20.3269,
33.1234

 20.2440, -9.9803,

27.8500

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 191.7720,
-44.2576, 55.4510

■ 191.7720,
-44.2576, 55.4510

■ 181.2910,
-51.4155, 64.6428

■ 202.3670,
-36.6629, 46.1591

■ 170.6960,
-59.0101, 73.9346

■ 212.8480,
-29.5051, 36.9673

■ 160.1010,
-66.6048, 83.2264

■ 223.4430,
-21.9104, 27.6755

■ 149.6200,
-73.7627, 92.4183

■ 233.9240,
-14.7525, 18.4837

■ 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.



185.7830, -24.0500, 60.7033



191.7720, -44.2576, 55.4510



188.5260, -48.0803, 21.4637

Triad

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



191.7720, -44.2576, 55.4510



151.8090, 25.7302, -133.1365



196.0690, 29.0530, 14.8485

Complementary

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



191.7720, -44.2576, 55.4510



165.2280, 44.2576, -55.4510

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.



182.7040, 35.6419, -45.3444



191.7720, -44.2576, 55.4510



156.1070, 47.2752, -136.9058

Square

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



191.7720, -44.2576, 55.4510



171.4430, -9.0924, -70.5485



151.7530, 50.9008, -133.0874



196.2540, 18.6088, 51.5202

Rectangle

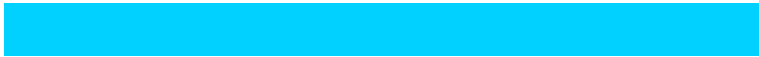
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



191.7720, -44.2576, 55.4510



184.5980, -40.7208, -5.7864



151.7530, 50.9008, -133.0874



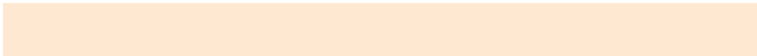
193.0020, 30.5650, -3.5098

Sweetspot

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



191.7720, -44.2576, 55.4510



236.2550, -13.4367, 16.4394



156.7530, 11.9538, 86.1626



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.



191.7720, -44.2576, 55.4510



178.8460, -53.1681, 66.7871



235.7970, -65.9619, 16.8410



122.4090, -3.6526, 4.9033



112.2870, -55.3575, 69.0313



37.3330, -18.4052, 23.3870

Inverse Universe

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



165.2280, 44.2576, -55.4510



147.1540, 53.1681, -66.7871



121.2030, 65.9619, -16.8410



120.0040, 3.9420, -4.3885



79.3000, 55.0681, -69.5461



26.6670, 18.4052, -23.3870

Previews

White Background



This preview shows how the YUV color 191.7720, -44.2576, 55.4510 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 191.7720, -44.2576, 55.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

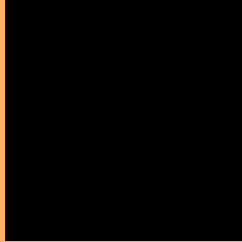
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.7720, -44.2576, 55.4510

Background



This preview shows how black text looks on a background with the YUV color 191.7720, -44.2576, 55.4510.



This preview shows how white text looks on a background with the YUV color 191.7720, -44.2576,

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

191.7720, -44.2576, 55.4510

Protanopia

189.8770, -40.3654, 20.2789

Deuteranopia

191.1570, -44.9404, 41.0813



Tritanopia

197.3700, -7.5774, 50.5415

Trichromacy



Original Color

191.7720, -44.2576, 55.4510

Protanomaly

190.6120, -41.7137, 32.7893

Deuteranomaly

191.3040, -44.5199, 46.2144

Tritanomaly

195.2380, -20.8233, 52.4113

Monochromacy



Original Color

191.7720, -44.2576, 55.4510

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.1800, -16.3577, 20.0131

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.7720, -44.2576, 55.4510 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, 177, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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, 177, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 102) }
```

Border

The CSS property to change the border of an element to YUV 191.7720, -44.2576, 55.4510 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, 177, 102) }
```


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

```
.border{ border-color:rgb(255, 177, 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, 177, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 191.7720, -44.2576, 55.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 102) }
```

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

```
.background{ background-color: rgb(255,  
177, 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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