

Converting Colors

YUV(176.9320, -30.0395,
68.4656)

Have a look what the booklet for
YUV(176.9320, -30.0395, 68.4656)
contains.

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Color

**YUV(176.9320, -30.0395,
68.4656)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9574
RGB	255, 149, 116
RGB Percent	100%, 58%, 45%
CMY	0.0000, 0.4157, 0.5451
CMYK	0.00, 0.42, 0.55, 0.00
HSL	14°, 100%, 73%
HSV	14°, 55%, 100%
XYZ	55.1398, 44.0158, 22.1127
YIQ	176.9320, 73.7690, 12.2090

Conversions

Conversions Part 2

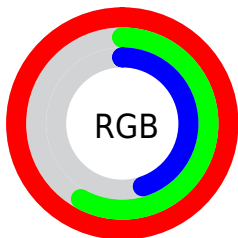
Format	Color
R_{YB}	255, 159, 116
Decimal	16749940
CIE _{Lab}	72.24, 36.67, 34.58
CIE _{LCh}	72, 50.400, 43.319
Yxy	44.0158, 0.4547, 0.3630
Android (android.graphics.Color)	4294940020 (0xFFFF9574)
YUV	176.9320, -30.0395, 68.4656
Hunter-Lab	66.3444, 32.2512, 26.6796

Details

The YUV color **176.9320, -30.0395, 68.4656** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **194.0680, 30.0395, -68.4656**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1450, -23.2425, 34.9528**, and **122.5830, -27.4024, 62.6327** is the 20% darker color. If you saturate the color by 10%, you get **162.8150, -35.8978, 80.8462**, and if you desaturate by 10%, it is **191.0490, -24.1812, 56.0850**.

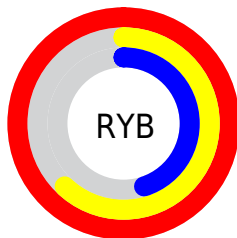
Distribution



Red (100%)

Green (58%)

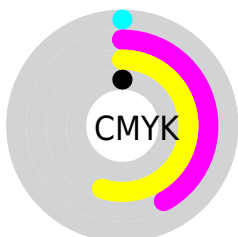
Blue (45%)



Red (100%)

Yellow (62%)

Blue (45%)

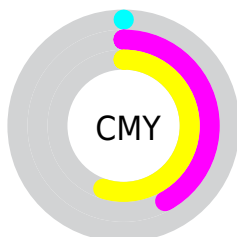


Cyan (0%)

Magenta (42%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9320, -30.0395, 68.4656 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 176.9320, -30.0395, 68.4656 by changing the saturation by 10% instead.

176.9320,
-30.0395, 68.4656

176.9320,
-30.0395, 68.4656

255.0000, 0.0000,
0.0000

148.9640,
-28.5763, 65.8066

215.1450,
-23.2425, 34.9528

122.5830,
-27.4024, 62.6327

235.3600,
-19.4045, 17.2243

95.7290, -25.5024,
59.8737

251.4660,
-13.5407, 3.0993

69.8750, -23.6024,
57.1146

254.7720, -0.8736,
0.2000

43.4340, -21.4130,
54.8704

23.3220, -11.4977,
47.9526

15.5480, -7.6652,

31.9684

■ 2.3920, -1.1793,
4.9182

■ 0.0000, 0.0000,
0.0000

■ 176.9320,
-30.0395, 68.4656

■ 176.9320,
-30.0395, 68.4656

■ 162.8150,
-35.8978, 80.8462

■ 191.0490,
-24.1812, 56.0850

■ 148.2250,
-41.0299, 93.6417

■ 205.6390,
-19.0490, 43.2896

■ 134.1080,
-46.8882, 106.0223

■ 219.7560,
-13.1907, 30.9090

■ 119.5180,
-52.0204, 118.8177

■ 234.3460, -8.0586,
18.1136

■ 112.0520,
-55.2416, 125.3654

■ 248.3490, -2.6371,
5.8329

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.



175.8500, -8.8000, 69.4146



176.9320, -30.0395, 68.4656



174.4610, -42.6253, 45.1997

Triad

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



176.9320, -30.0395, 68.4656



152.3370, -1.6451, -79.2255



173.0570, 40.3979, -30.7450

Complementary

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



176.9320, -30.0395, 68.4656



194.0680, 30.0395, -68.4656

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.



140.0130, 56.6886, -122.7914



176.9320, -30.0395, 68.4656



140.4450, 27.8816, -123.1703

Square

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



176.9320, -30.0395, 68.4656



165.0820, -28.1414, -27.2589



143.4720, 47.0953, -125.8249



181.8680, 30.6311, 22.0408

Rectangle

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



176.9320, -30.0395, 68.4656



172.4600, -44.5968, 24.1526



143.4720, 47.0953, -125.8249



166.7230, 43.5206, -52.3771

Sweetspot

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



176.9320, -30.0395, 68.4656



232.1290, -8.9376, 20.0579



169.7590, 26.2478, 74.7564



113.9970, -5.4215, 12.2806



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.



176.9320, -30.0395, 68.4656



162.1140, -36.0452, 81.4610



217.4350, -50.0075, 32.9445



120.6480, -2.7845, 6.4477



83.5240, -41.1773, 94.2565



27.9410, -13.7749, 31.6237

Inverse Universe

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



194.0680, 30.0395, -68.4656



182.4730, 35.7558, -81.9758



153.5650, 50.0075, -32.9445



121.7650, 3.0739, -5.9329



107.4760, 41.1773, -94.2565



36.0590, 13.7749, -31.6237

Previews

White Background



This preview shows how the YUV color 176.9320, -30.0395, 68.4656 looks on a white background.

Color Contrast Check

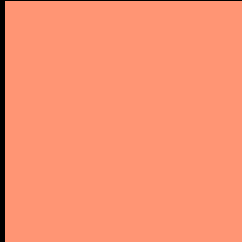
Large Text (above 18pt) WCAG AA × Fail

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 176.9320, -30.0395, 68.4656 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 176.9320, -30.0395, 68.4656

Background



This preview shows how black text looks on a background with the YUV color 176.9320, -30.0395, 68.4656.



This preview shows how white text looks on a background with the YUV color 176.9320, -30.0395,

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

176.9320, -30.0395, 68.4656

Protanopia

175.6000, -23.4668, 13.5058

Deuteranopia

176.5440, -31.8202, 32.8489



Tritanopia

179.0300, -11.8468, 66.6257

Trichromacy



Original Color

176.9320, -30.0395, 68.4656

Protanomaly

176.1510, -25.7104, 33.1936

Deuteranomaly

176.4470, -31.2794, 46.0890

Tritanomaly

178.0210, -18.2514, 67.5106

Monochromacy



Original Color

176.9320, -30.0395, 68.4656

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.9940, -10.8430, 24.5613

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9320, -30.0395, 68.4656 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, 149, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 116)  
}
```

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, 149, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 116) }
```

Border

The CSS property to change the border of an element to YUV 176.9320, -30.0395, 68.4656 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, 149, 116) }
```


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

```
.border{ border-color:rgb(255, 149, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 176.9320, -30.0395, 68.4656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 116) }
```

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

```
.background{ background-color: rgb(255,  
149, 116) }
```

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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