

Converting Colors

YUV(175.6650, -28.4288,
65.1918)

Have a look what the booklet for
YUV(175.6650, -28.4288, 65.1918)
contains.

YUV(175.6650, -28.4288, 65.1918)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(175.6650, -28.4288,
65.1918)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9576
RGB	250, 149, 118
RGB Percent	98%, 58%, 46%
CMY	0.0196, 0.4157, 0.5373
CMYK	0.00, 0.40, 0.53, 0.02
HSL	14°, 93%, 72%
HSV	14°, 53%, 98%
XYZ	53.4418, 43.1269, 22.6472
YIQ	175.6650, 70.1470, 11.7710

Conversions

Conversions Part 2

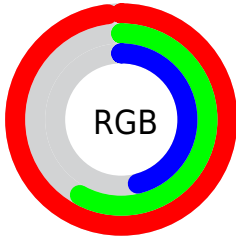
Format	Color
RYB	250, 159, 118
Decimal	16422262
CIELab	71.64, 34.92, 32.61
CIELCh	72, 47.777, 43.037
Yxy	43.1269, 0.4483, 0.3618
Android (android.graphics.Color)	4294612342 (0xFFFA9576)
YUV	175.6650, -28.4288, 65.1918
Hunter-Lab	65.6711, 30.3354, 25.5231

Details

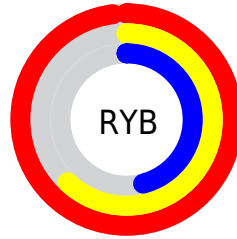
The YUV color **175.6650, -28.4288, 65.1918** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **192.3350, 28.4288, -65.1918**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.4870, -21.9321, 34.6529**, and **121.6150, -25.9392, 59.9736** is the 20% darker color. If you saturate the color by 10%, you get **161.6620, -33.8504, 77.4724**, and if you desaturate by 10%, it is **189.6680, -23.0073, 52.9112**.

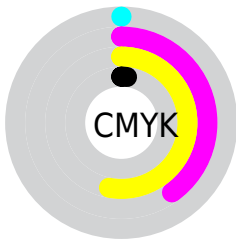
Distribution



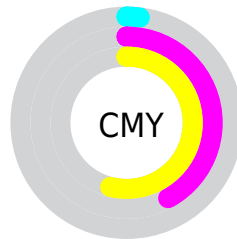
- Red (98%)
- Green (58%)
- Blue (46%)



- Red (98%)
- Yellow (62%)
- Blue (46%)



- Cyan (0%)
- Magenta (40%)
- Yellow (53%)
- Black (2%)



- Cyan (2%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.6650, -28.4288, 65.1918 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 175.6650, -28.4288, 65.1918 by changing the saturation by 10% instead.

175.6650,
-28.4288, 65.1918

175.6650,
-28.4288, 65.1918

255.0000, 0.0000,
0.0000

148.5830,
-27.4024, 62.6327

215.4870,
-21.9321, 34.6529

121.6150,
-25.9392, 59.9736

235.5880,
-18.5309, 17.0243

95.3480, -24.3286,
56.6998

251.6940,
-12.6671, 2.8994

69.4940, -22.4285,
53.9408

43.7110, -21.5495,
51.9965

22.1260, -10.9081,
45.4935

14.7650, -6.7861,

30.0241

■ 0.0000, 0.0000,
0.0000

■ 175.6650,
-28.4288, 65.1918

■ 175.6650,
-28.4288, 65.1918

■ 161.6620,
-33.8504, 77.4724

■ 189.6680,
-23.0073, 52.9112

■ 147.6590,
-39.2719, 89.7531

■ 203.6710,
-17.5858, 40.6305

■ 133.6560,
-44.6934, 102.0337

■ 217.6740,
-12.1643, 28.3499

■ 119.0660,
-49.8255, 114.8291

■ 232.2640, -7.0322,
15.5545

■ 109.3830,
-53.9258, 123.3211

■ 246.2670, -1.6106,
3.2738

253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



176.4370, -9.0894, 68.8998



175.6650, -28.4288, 65.1918



173.4330, -40.1465, 43.4703

Triad

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



175.6650, -28.4288, 65.1918



153.5660, -2.2510, -71.5334



172.1820, 40.8293, -29.1006

Complementary

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



175.6650, -28.4288, 65.1918



192.3350, 28.4288, -65.1918

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.



144.5200, 54.4666, -110.0810



175.6650, -28.4288, 65.1918



138.3420, 27.4394, -121.3259

Square

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



175.6650, -28.4288, 65.1918



164.4350, -26.8365, -25.8145



141.1410, 45.7795, -123.7807



180.5150, 29.3261, 20.5963

Rectangle

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



175.6650, -28.4288, 65.1918



171.7310, -42.2654, 23.0379



141.1410, 45.7795, -123.7807



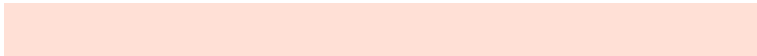
167.3320, 43.2203, -49.4032

Sweetspot

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



175.6650, -28.4288, 65.1918



232.1290, -8.9376, 20.0579



168.9820, 24.6589, 71.0528



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.



175.6650, -28.4288, 65.1918



164.4450, -34.7294, 79.4167



214.4070, -47.5287, 31.2151



117.6480, -2.7845, 6.4477



82.3390, -40.5931, 93.5417



26.4570, -13.0433, 30.2942

Inverse Universe

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



192.3350, 28.4288, -65.1918



184.5550, 34.7294, -79.4167



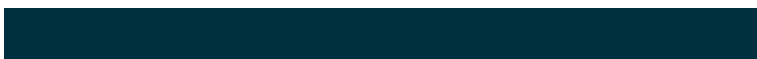
153.5930, 47.5287, -31.2151



119.3520, 2.7845, -6.4477



106.0740, 40.8825, -93.0269



34.5430, 13.0433, -30.2942

Previews

White Background



This preview shows how the YUV color 175.6650, -28.4288, 65.1918 looks on a white background.

Color Contrast Check

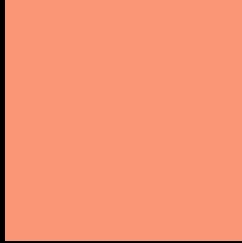
Large Text (above 18pt) WCAG AA × Fail

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 175.6650, -28.4288, 65.1918 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 175.6650, -28.4288, 65.1918 Background



This preview shows how black text looks on a background with the YUV color 175.6650, -28.4288, 65.1918.



This preview shows how white text looks on a background with the YUV color 175.6650, -28.4288, 65.1918.

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

175.6650, -28.4288, 65.1918

Protanopia

174.5290, -22.4458, 12.6911

Deuteranopia

175.0000, -30.0730, 32.4490



Tritanopia

177.8450, -11.2626, 65.9109

Trichromacy



Original Color

175.6650, -28.4288, 65.1918

Protanomaly

174.7810, -24.5420, 31.7641

Deuteranomaly

175.1910, -29.6742, 44.5595

Tritanomaly

177.2380, -17.3723, 65.5663

Monochromacy



Original Color

175.6650, -28.4288, 65.1918

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.8090, -10.2588, 23.8465

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.6650, -28.4288, 65.1918 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(250, 149, 118)` looks like.

```
.text, #text, p{  
    color:rgb(250, 149, 118)  
}
```

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(250, 149, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 149, 118) }
```

Border

The CSS property to change the border of an element to YUV 175.6650, -28.4288, 65.1918 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(250, 149, 118) }
```


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

```
.border{ border-color:rgb(250, 149, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 149, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 149, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 149, 118);  
box-shadow:4px 4px 4px 4px rgb(250, 149,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 175.6650, -28.4288, 65.1918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 149, 118) }
```

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

```
.background{ background-color: rgb(250,  
149, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor