

Converting Colors

YUV(180.9270, -32.5020,
64.9620)

Have a look what the booklet for
YUV(180.9270, -32.5020, 64.9620)
contains.

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Color

**YUV(180.9270, -32.5020,
64.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9C73
RGB	255, 156, 115
RGB Percent	100%, 61%, 45%
CMY	0.0000, 0.3882, 0.5490
CMYK	0.00, 0.39, 0.55, 0.00
HSL	18°, 100%, 73%
HSV	18°, 55%, 100%
XYZ	56.2230, 46.2747, 22.1883
YIQ	180.9270, 72.1650, 8.2370

Conversions

Conversions Part 2

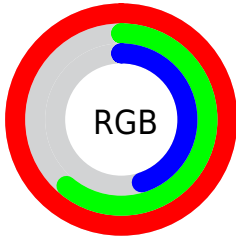
Format	Color
R_{YB}	255, 173, 115
Decimal	16751731
CIE _{Lab}	73.72, 32.98, 37.00
CIE _{LCh}	74, 49.569, 48.287
Yxy	46.2747, 0.4509, 0.3711
Android (android.graphics.Color)	4294941811 (0xFFFF9C73)
YUV	180.9270, -32.5020, 64.9620
Hunter-Lab	68.0255, 28.4852, 28.2789

Details

The YUV color **180.9270, -32.5020, 64.9620** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **189.0730, 32.5020, -64.9620**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.2540, -25.2682, 31.3492**, and **126.5780, -29.8650, 59.1291** is the 20% darker color. If you saturate the color by 10%, you get **167.5110, -38.2129, 76.7279**, and if you desaturate by 10%, it is **194.4570, -26.3543, 53.0962**.

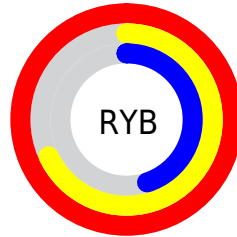
Distribution



Red (100%)

Green (61%)

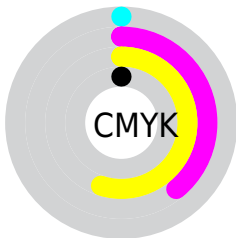
Blue (45%)



Red (100%)

Yellow (68%)

Blue (45%)

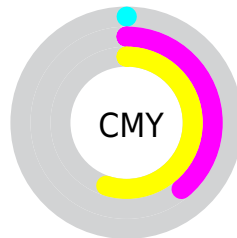


Cyan (0%)

Magenta (39%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9270, -32.5020, 64.9620 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 180.9270, -32.5020, 64.9620 by changing the saturation by 10% instead.

180.9270,
-32.5020, 64.9620

180.9270,
-32.5020, 64.9620

255.0000, 0.0000,
0.0000

152.9590,
-31.0388, 62.3030

219.2540,
-25.2682, 31.3492

126.5780,
-29.8650, 59.1291

239.3550,
-21.8670, 13.7207

100.0230,
-28.1123, 56.9848

251.3520,
-13.9775, 3.1993

74.3430, -26.7911,
53.1962

254.6580, -1.3104,
0.2999

49.6030, -24.4543,
50.3372

24.4960, -12.0765,
46.9230

15.5480, -7.6652,

31.9684

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 180.9270,
-32.5020, 64.9620

■ 180.9270,
-32.5020, 64.9620

■ 167.5110,
-38.2129, 76.7279

■ 194.4570,
-26.3543, 53.0962

■ 153.9810,
-44.3606, 88.5937

■ 207.8730,
-20.6434, 41.3304

■ 140.4510,
-50.5083, 100.4595

■ 221.4030,
-14.4957, 29.4646

■ 127.0350,
-56.2193, 112.2253

■ 234.8190, -8.7848,
17.6987

■ 120.2700,
-59.2931, 118.1582

■ 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.



179.0300, -11.8468, 66.6257



180.9270, -32.5020, 64.9620



178.3140, -43.0458, 40.0666

Triad

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



180.9270, -32.5020, 64.9620



153.6610, 3.6181, -87.4027



179.3250, 37.3078, -19.5790

Complementary

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



180.9270, -32.5020, 64.9620



189.0730, 32.5020, -64.9620

Split Complementary

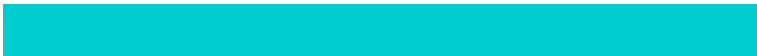
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



157.0340, 48.2972, -91.2378



180.9270, -32.5020, 64.9620



144.0470, 31.5288, -126.3292

Square

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



180.9270, -32.5020, 64.9620



168.3630, -24.3360, -34.5214



146.2590, 50.1583, -128.2691



186.7010, 27.2624, 29.2032

Rectangle

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



180.9270, -32.5020, 64.9620



176.3560, -43.5595, 18.1048



146.2590, 50.1583, -128.2691



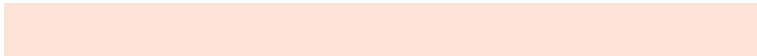
174.4750, 39.6988, -39.8816

Sweetspot

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



180.9270, -32.5020, 64.9620



233.3030, -9.5164, 19.0283



168.2600, 23.0428, 76.0710



114.5840, -5.7109, 11.7658



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.



180.9270, -32.5020, 64.9620



165.9950, -38.9445, 78.0574



221.4300, -52.4700, 29.4409



120.6480, -2.7845, 6.4477



89.9810, -44.3606, 88.5937



30.2890, -14.9325, 29.5645

Inverse Universe

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



189.0730, 32.5020, -64.9620



176.0050, 38.9445, -78.0574



148.5700, 52.4700, -29.4409



121.7650, 3.0739, -5.9329



101.0190, 44.3606, -88.5937



33.7110, 14.9325, -29.5645

Previews

White Background



This preview shows how the YUV color 180.9270, -32.5020, 64.9620 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 180.9270, -32.5020, 64.9620 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 180.9270, -32.5020, 64.9620 Background



This preview shows how black text looks on a background with the YUV color 180.9270, -32.5020, 64.9620.



This preview shows how white text looks on a background with the YUV color 180.9270, -32.5020,

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

180.9270, -32.5020, 64.9620

Protanopia

179.1010, -26.6718, 14.8204

Deuteranopia

180.0990, -33.5728, 34.9932



Tritanopia

183.9370, -10.8149, 62.3223

Trichromacy



Original Color

180.9270, -32.5020, 64.9620



Protanomaly

179.6410, -28.9100, 32.7638



Deuteranomaly

180.5780, -33.3160, 45.9741



Tritanomaly

182.5860, -18.5299, 63.5071

Monochromacy



Original Color

180.9270, -32.5020, 64.9620



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.0540, -11.8586, 23.6316

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9270, -32.5020, 64.9620 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, 156, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 115)  
}
```

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, 156, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 115) }
```

Border

The CSS property to change the border of an element to YUV 180.9270, -32.5020, 64.9620 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, 156, 115) }
```


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

```
.border{ border-color:rgb(255, 156, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 180.9270, -32.5020, 64.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 115) }
```

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

```
.background{ background-color: rgb(255,  
156, 115) }
```

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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