

Converting Colors

YUV(180.7160, -35.8490,
65.1471)

Have a look what the booklet for
YUV(180.7160, -35.8490, 65.1471)
contains.

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Color

**YUV(180.7160, -35.8490,
65.1471)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9D6C
RGB	255, 157, 108
RGB Percent	100%, 62%, 42%
CMY	0.0000, 0.3843, 0.5765
CMYK	0.00, 0.38, 0.58, 0.00
HSL	20°, 100%, 71%
HSV	20°, 58%, 100%
XYZ	56.0037, 46.4567, 20.2027
YIQ	180.7160, 74.1370, 5.5370

Conversions

Conversions Part 2

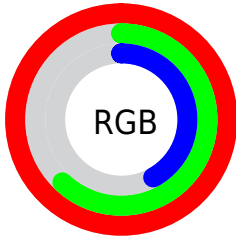
Format	Color
R _Y B	255, 182, 108
Decimal	16751980
CIE Lab	73.84, 31.93, 40.83
CIE LCh	74, 51.830, 51.970
Yxy	46.4567, 0.4566, 0.3787
Android (android.graphics.Color)	4294942060 (0xFFFF9D6C)
YUV	180.7160, -35.8490, 65.1471
Hunter-Lab	68.1591, 27.3882, 30.1376

Details

The YUV color **180.7160, -35.8490, 65.1471** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **182.2840, 35.8490, -65.1471**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.9290, -29.0520, 31.6343**, and **126.3670, -33.2119, 59.3141** is the 20% darker color. If you saturate the color by 10%, you get **167.8870, -41.8493, 76.3981**, and if you desaturate by 10%, it is **193.6590, -29.4119, 53.7961**.

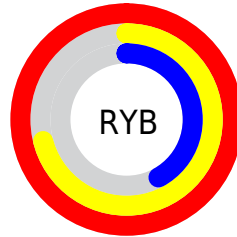
Distribution



Red (100%)

Green (62%)

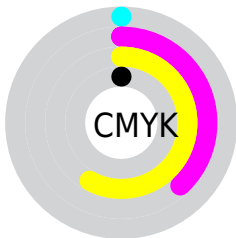
Blue (42%)



Red (100%)

Yellow (71%)

Blue (42%)

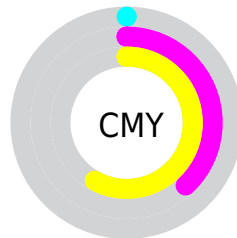


Cyan (0%)

Magenta (38%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7160, -35.8490, 65.1471 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 180.7160, -35.8490, 65.1471 by changing the saturation by 10% instead.

180.7160,
-35.8490, 65.1471

180.7160,
-35.8490, 65.1471

255.0000, 0.0000,
0.0000

152.7480,
-34.3858, 62.4880

218.9290,
-29.0520, 31.6343

126.3670,
-33.2119, 59.3141

239.1440,
-25.2140, 13.9057

99.9860, -32.0381,
56.1403

250.5540,
-17.0351, 3.8991

73.9040, -31.0117,
53.5812

253.7460, -4.8048,
1.0998

50.1900, -24.7437,
49.8224

26.2570, -12.9447,
45.3786

15.2490, -7.5178,

31.3536

■ 4.1860, -2.0637,
8.6069

■ 0.0000, 0.0000,
0.0000

■ 180.7160,
-35.8490, 65.1471

■ 180.7160,
-35.8490, 65.1471

■ 167.8870,
-41.8493, 76.3981

■ 193.6590,
-29.4119, 53.7961

■ 154.9440,
-48.2864, 87.7491

■ 206.4880,
-23.4116, 42.5450

■ 142.1150,
-54.2867, 99.0001

■ 219.4310,
-16.9745, 31.1940

■ 129.1720,
-60.7238, 110.3512

■ 232.2600,
-10.9742, 19.9430

126.1400,
-62.1870, 113.0102

245.2030, -4.5371,
8.5920

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.



177.6450, -14.6150, 67.8403



180.7160, -35.8490, 65.1471



177.9070, -45.8032, 37.7926

Triad

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



180.7160, -35.8490, 65.1471



140.8680, 12.8831, -119.1562



180.5430, 36.7073, -13.6312

Complementary

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



180.7160, -35.8490, 65.1471



182.2840, 35.8490, -65.1471

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.



157.9420, 47.8496, -87.6491



180.7160, -35.8490, 65.1471



145.5460, 34.7338, -127.6438

Square

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



180.7160, -35.8490, 65.1471



166.7750, -22.5671, -41.8987



147.0570, 53.2159, -128.9690



187.2180, 26.5145, 35.7658

Rectangle

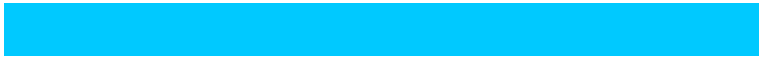
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



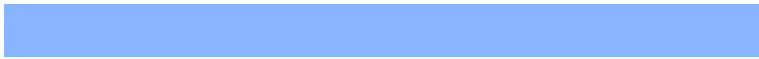
180.7160, -35.8490, 65.1471



175.6930, -44.7116, 14.3012



147.0570, 53.2159, -128.9690



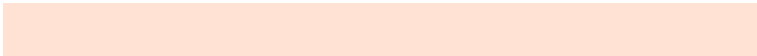
175.6930, 39.0984, -33.9338

Sweetspot

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



180.7160, -35.8490, 65.1471



233.0750, -10.3900, 19.2282



163.1250, 21.1374, 80.5744



115.0570, -6.4371, 11.3510



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.



180.7160, -35.8490, 65.1471



166.2570, -43.0177, 77.8276



224.1540, -57.2639, 27.0519



121.2350, -3.0739, 5.9329



94.6770, -46.6758, 84.4753



31.4630, -15.5113, 28.5349

Inverse Universe

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



182.2840, 35.8490, -65.1471



167.7430, 43.0177, -77.8276



139.4330, 56.9745, -27.5667



121.1780, 3.3632, -5.4181



96.3230, 46.6758, -84.4753



31.9500, 15.8006, -28.0202

Previews

White Background



This preview shows how the YUV color 180.7160, -35.8490, 65.1471 looks on a white background.

Color Contrast Check

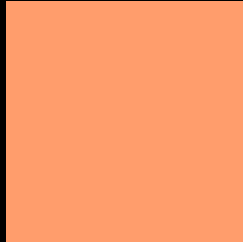
Large Text (above 18pt) WCAG AA × Fail

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 180.7160, -35.8490, 65.1471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

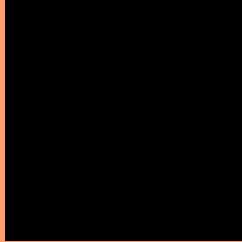
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.7160, -35.8490, 65.1471

Background



This preview shows how black text looks on a background with the YUV color 180.7160, -35.8490, 65.1471.



This preview shows how white text looks on a background with the YUV color 180.7160, -35.8490,

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

180.7160, -35.8490, 65.1471

Protanopia

179.3740, -30.7504, 16.3350

Deuteranopia

180.1870, -37.0672, 35.7930



Tritanopia

184.0510, -10.3781, 62.2223

Trichromacy



Original Color

180.7160, -35.8490, 65.1471

Protanomaly

180.0280, -32.5518, 34.1784

Deuteranomaly

180.3670, -36.6629, 46.1591

Tritanomaly

182.9450, -19.6929, 63.1922

Monochromacy



Original Color

180.7160, -35.8490, 65.1471

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.7120, -13.1690, 23.9316

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7160, -35.8490, 65.1471 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, 157, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 108)  
}
```

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, 157, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 108) }
```

Border

The CSS property to change the border of an element to YUV 180.7160, -35.8490, 65.1471 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, 157, 108) }
```


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

```
.border{ border-color:rgb(255, 157, 108) }
```

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

Here you see how a box with a 4 pixel rgb(255, 157, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 180.7160, -35.8490, 65.1471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 108) }
```

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

```
.background{ background-color: rgb(255,  
157, 108) }
```

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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