

Converting Colors

YUV(171.1760, -26.7088,
73.5136)

Have a look what the booklet for
YUV(171.1760, -26.7088, 73.5136)
contains.

YUV(171.1760, -26.7088, 73.5136)	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(171.1760, -26.7088,
73.5136)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B75
RGB	255, 139, 117
RGB Percent	100%, 55%, 46%
CMY	0.0000, 0.4549, 0.5412
CMYK	0.00, 0.45, 0.54, 0.00
HSL	10°, 100%, 73%
HSV	10°, 54%, 100%
XYZ	53.6835, 41.0096, 21.9158
YIQ	171.1760, 76.1980, 17.7500

Conversions

Conversions Part 2

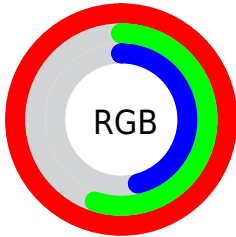
Format	Color
R_{YB}	255, 143, 117
Decimal	16747381
CIE _{Lab}	70.18, 41.83, 31.38
CIE _{LCh}	70, 52.291, 36.879
Yxy	41.0096, 0.4604, 0.3517
Android (android.graphics.Color)	4294937461 (0xFFFF8B75)
YUV	171.1760, -26.7088, 73.5136
Hunter-Lab	64.0387, 37.5683, 24.5364

Details

The YUV color **171.1760, -26.7088, 73.5136** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **200.8240, 26.7088, -73.5136**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3890, -19.9118, 40.0008**, and **116.2400, -23.7823, 68.1955** is the 20% darker color. If you saturate the color by 10%, you get **155.8850, -31.9883, 86.9239**, and if you desaturate by 10%, it is **186.4670, -21.4292, 60.1034**.

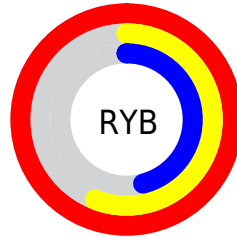
Distribution



Red (100%)

Green (55%)

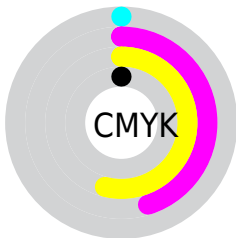
Blue (46%)



Red (100%)

Yellow (56%)

Blue (46%)

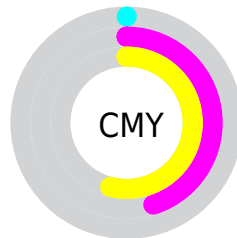


Cyan (0%)

Magenta (45%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.1760, -26.7088, 73.5136 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 171.1760, -26.7088, 73.5136 by changing the saturation by 10% instead.

171.1760,
-26.7088, 73.5136

171.1760,
-26.7088, 73.5136

255.0000, 0.0000,
0.0000

143.2080,
-25.2455, 70.8546

209.3890,
-19.9118, 40.0008

116.2400,
-23.7823, 68.1955

229.6040,
-16.0738, 22.2723

90.0870, -21.7349,
64.8217

249.8190,
-12.2358, 4.5437

62.7600, -19.1087,
62.4775

254.7720, -0.8736,
0.2000

31.6940, -15.6251,
65.1664

23.0230, -11.3503,
47.3378

15.7760, -6.7916,

31.7684

■ 0.0000, 0.0000,
0.0000

■ 171.1760,
-26.7088, 73.5136

■ 171.1760,
-26.7088, 73.5136

■ 155.8850,
-31.9883, 86.9239

■ 186.4670,
-21.4292, 60.1034

■ 140.1210,
-36.5417, 100.7489

■ 202.2310,
-16.8759, 46.2784

■ 124.8300,
-41.8212, 114.1591

■ 217.5220,
-11.5963, 32.8682

■ 109.0660,
-46.3745, 127.9841

■ 233.2860, -7.0430,
19.0432

■ 100.3120,
-49.4538, 135.6614

■ 248.4630, -2.2003,
5.7329

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.



171.6100, -4.7377, 73.1330



171.1760, -26.7088, 73.5136



169.6190, -42.2102, 52.0771

Triad

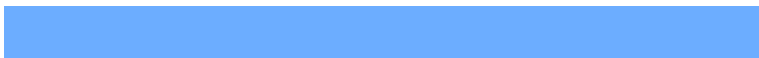
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



171.1760, -26.7088, 73.5136



149.3830, -8.0768, -69.6189



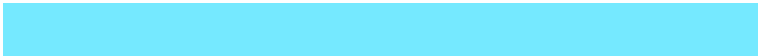
162.9130, 45.3989, -48.1587

Complementary

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



171.1760, -26.7088, 73.5136



200.8240, 26.7088, -73.5136

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.



138.2520, 57.5568, -121.2470



171.1760, -26.7088, 73.5136



135.6860, 22.3398, -118.9966

Square

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



171.1760, -26.7088, 73.5136



160.6440, -33.8415, -18.9818



139.7560, 43.0113, -122.5660



176.0670, 35.4630, 12.2192

Rectangle

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



171.1760, -26.7088, 73.5136



167.3470, -46.5131, 32.1447



139.7560, 43.0113, -122.5660



153.2900, 50.1430, -76.5533

Sweetspot

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



171.1760, -26.7088, 73.5136



230.3680, -8.0694, 21.6023



171.6000, 30.7632, 73.1418



112.8230, -4.8427, 13.3102



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.



171.1760, -26.7088, 73.5136



154.4830, -32.2831, 88.1534



211.0920, -46.3874, 38.5073



120.0610, -2.4951, 6.9625



74.7190, -36.8365, 101.9784



25.0060, -12.3280, 34.1977

Inverse Universe

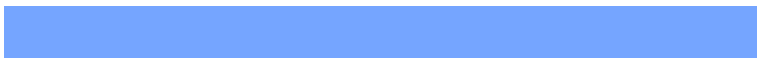
The Inverse Universe completely reimagines the original color for something new.



200.8240, 26.7088, -73.5136



190.1040, 31.9937, -88.6682



160.9080, 46.3874, -38.5073



122.3520, 2.7845, -6.4477



116.2810, 36.8365, -101.9784



38.9940, 12.3280, -34.1977

Previews

White Background



This preview shows how the YUV color 171.1760, -26.7088, 73.5136 looks on a white background.

Color Contrast Check

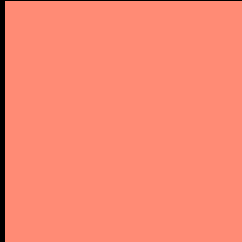
Large Text (above 18pt) WCAG AA × Fail

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 171.1760, -26.7088, 73.5136 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 171.1760, -26.7088, 73.5136

Background



This preview shows how black text looks on a background with the YUV color 171.1760, -26.7088, 73.5136.



This preview shows how white text looks on a background with the YUV color 171.1760, -26.7088, 73.5136.

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

171.1760, -26.7088, 73.5136

Protanopia

170.9140, -19.6776, 11.4764

Deuteranopia

170.9290, -29.0520, 31.6343



Tritanopia

172.7210, -13.1735, 72.1587

Trichromacy



Original Color

171.1760, -26.7088, 73.5136

Protanomaly

171.0740, -22.2215, 34.1381

Deuteranomaly

170.9570, -28.0798, 46.5187

Tritanomaly

172.0540, -18.2676, 72.7436

Monochromacy



Original Color

171.1760, -26.7088, 73.5136

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.9450, -9.8329, 27.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1760, -26.7088, 73.5136 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, 139, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 117)  
}
```

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, 139, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 117) }
```

Border

The CSS property to change the border of an element to YUV 171.1760, -26.7088, 73.5136 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, 139, 117) }
```


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

```
.border{ border-color:rgb(255, 139, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 139, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 139, 117); box-shadow:4px 4px 4px 4px rgb(255, 139, 117) }
```

Background

The CSS property to change the background color of an element to YUV 171.1760, -26.7088, 73.5136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 117) }
```

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

```
.background{ background-color: rgb(255,  
139, 117) }
```

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