

Converting Colors

YUV(179.3560, -33.2065,
57.5698)

Have a look what the booklet for
YUV(179.3560, -33.2065, 57.5698)
contains.

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Color

**YUV(179.3560, -33.2065,
57.5698)**

Conversions

Conversions Part 1

Format	Color
Hex	F59F70
RGB	245, 159, 112
RGB Percent	96%, 62%, 44%
CMY	0.0392, 0.3765, 0.5608
CMYK	0.00, 0.35, 0.54, 0.04
HSL	21°, 87%, 70%
HSV	21°, 54%, 96%
XYZ	52.9790, 45.3786, 21.2959
YIQ	179.3560, 66.3430, 3.6150

Conversions

Conversions Part 2

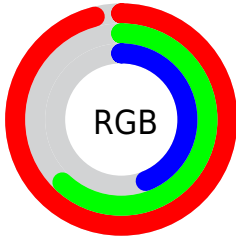
Format	Color
R _Y B	245, 185, 112
Decimal	16097136
CIE Lab	73.14, 27.26, 37.60
CIE LCh	73, 46.441, 54.053
Yxy	45.3786, 0.4428, 0.3793
Android (android.graphics.Color)	4294287216 (0xFFFF59F70)
YUV	179.3560, -33.2065, 57.5698
Hunter-Lab	67.3636, 22.4971, 28.4110

Details

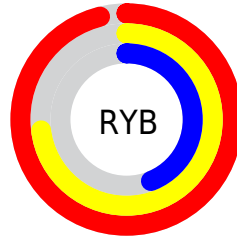
The YUV color **179.3560, -33.2065, 57.5698** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **177.6440, 33.2065, -57.5698**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.5590, -27.8836, 30.2048**, and **125.3060, -30.7169, 52.3516** is the 20% darker color. If you saturate the color by 10%, you get **167.1140, -39.4962, 68.3060**, and if you desaturate by 10%, it is **191.5980, -26.9168, 46.8336**.

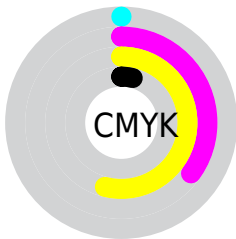
Distribution



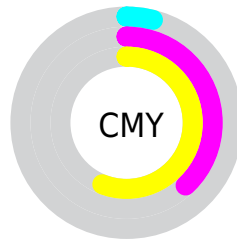
- Red (96%)
- Green (62%)
- Blue (44%)



- Red (96%)
- Yellow (73%)
- Blue (44%)



- Cyan (0%)
- Magenta (35%)
- Yellow (54%)
- Black (4%)



- Cyan (4%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.3560, -33.2065, 57.5698 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 179.3560, -33.2065, 57.5698 by changing the saturation by 10% instead.


 179.3560,
-33.2065, 57.5698

 179.3560,
-33.2065, 57.5698


255.0000, 0.0000,
0.0000


 152.2740,
-32.1801, 55.0107


 220.5590,
-27.8836, 30.2048


 125.3060,
-30.7169, 52.3516


 240.7740,
-24.0456, 12.4762


 99.3380, -29.2536,
49.6926

 251.0100,
-15.2879, 3.4992

 73.8430, -28.5166,
46.6187

 254.3160, -2.6208,
0.5999

 50.1460, -24.7220,
42.8450

 27.6860, -13.6492,
37.9864

 13.7540, -6.7807,

28.2797

■ 0.0000, 0.0000,
0.0000

■ 179.3560,
-33.2065, 57.5698

■ 179.3560,
-33.2065, 57.5698

■ 167.1140,
-39.4962, 68.3060

■ 191.5980,
-26.9168, 46.8336

■ 154.9860,
-45.3491, 78.9423

■ 203.7260,
-21.0639, 36.1973

■ 142.7440,
-51.6388, 89.6785

■ 215.9680,
-14.7742, 25.4611

■ 131.2030,
-57.7811, 99.8000

■ 227.5090, -8.6319,
15.3396

■ 124.3240,
-61.2917, 105.8329

■ 239.7510, -2.3422,
4.6034

251.4230, 1.7635,
-5.6330

252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



179.2920, -15.9200, 66.3959



179.3560, -33.2065, 57.5698



176.8400, -40.8401, 32.5893

Triad

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



179.3560, -33.2065, 57.5698



151.9040, 8.4283, -90.2468



181.1630, 36.4016, -8.9130

Complementary

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



179.3560, -33.2065, 57.5698



177.6440, 33.2065, -57.5698

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.



165.7600, 43.9953, -64.6875



179.3560, -33.2065, 57.5698



142.2690, 34.8704, -124.7699

Square

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



179.3560, -33.2065, 57.5698



166.4100, -18.9361, -39.8246



143.7970, 50.8791, -126.1100



185.0670, 22.1520, 35.0212

Rectangle

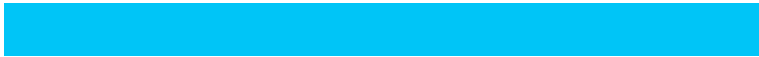
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



179.3560, -33.2065, 57.5698



173.8650, -38.8804, 10.6424



143.7970, 50.8791, -126.1100



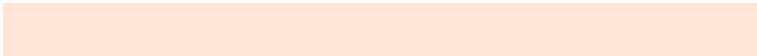
177.2210, 38.3450, -25.6268

Sweetspot

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



179.3560, -33.2065, 57.5698



235.0640, -10.3846, 17.4839



161.5710, 17.9595, 73.1672



115.7580, -6.2897, 10.7362



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.



179.3560, -33.2065, 57.5698



173.2670, -41.5436, 71.6798



218.0980, -52.3063, 23.5931



115.9360, -2.9264, 5.3181



94.3560, -46.5175, 80.3718



29.9680, -14.7742, 25.4611

Inverse Universe

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



177.6440, 33.2065, -57.5698



170.7330, 41.5436, -71.6798



138.9020, 52.3063, -23.5931



116.0640, 2.9264, -5.3181



91.6440, 46.5175, -80.3718



29.0320, 14.7742, -25.4611

Previews

White Background



This preview shows how the YUV color 179.3560, -33.2065, 57.5698 looks on a white background.

Color Contrast Check

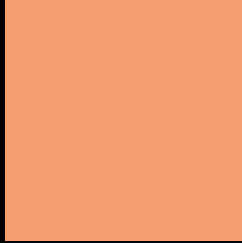
Large Text (above 18pt) WCAG AA × Fail

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 179.3560, -33.2065, 57.5698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

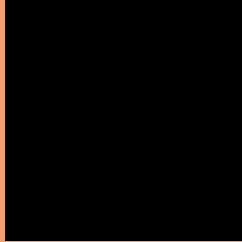
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.3560, -33.2065, 57.5698

Background



This preview shows how black text looks on a background with the YUV color 179.3560, -33.2065, 57.5698.



This preview shows how white text looks on a background with the YUV color 179.3560, -33.2065, 57.5698.

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

179.3560, -33.2065, 57.5698

Protanopia

177.6450, -28.4190, 15.2203

Deuteranopia

178.5720, -34.2990, 34.5784



Tritanopia

182.3710, -9.0569, 58.4336

Trichromacy



Original Color

179.3560, -33.2065, 57.5698

Protanomaly

177.9890, -30.0676, 30.7046

Deuteranomaly

178.7410, -33.8893, 43.2001

Tritanomaly

181.6670, -18.0768, 58.1740

Monochromacy



Original Color

179.3560, -33.2065, 57.5698

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.3310, -11.9952, 20.7577

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.3560, -33.2065, 57.5698 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(245, 159, 112)` looks like.

```
.text, #text, p{  
    color:rgb(245, 159, 112)  
}
```

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(245, 159, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 159, 112) }
```

Border

The CSS property to change the border of an element to YUV 179.3560, -33.2065, 57.5698 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(245, 159, 112) }
```


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

```
.border{ border-color:rgb(245, 159, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 159, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 159, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 159, 112); box-shadow:4px 4px 4px 4px rgb(245, 159, 112) }
```

Background

The CSS property to change the background color of an element to YUV 179.3560, -33.2065, 57.5698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 159, 112) }
```

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

```
.background{ background-color: rgb(245,  
159, 112) }
```

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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