

Converting Colors

YUV(180.9520, -27.0913,
56.1701)

Have a look what the booklet for
YUV(180.9520, -27.0913, 56.1701)
contains.

YUV(180.9520, -27.0913, 56.1701)	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(180.9520, -27.0913,
56.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	F59F7E
RGB	245, 159, 126
RGB Percent	96%, 62%, 49%
CMY	0.0392, 0.3765, 0.5059
CMYK	0.00, 0.35, 0.49, 0.04
HSL	17°, 86%, 73%
HSV	17°, 49%, 96%
XYZ	53.8202, 45.7151, 25.7259
YIQ	180.9520, 61.8490, 7.9690

Conversions

Conversions Part 2

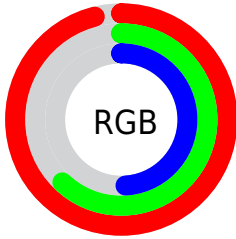
Format	Color
R _Y B	245, 172, 126
Decimal	16097150
CIE Lab	73.36, 28.48, 30.43
CIE LCh	73, 41.678, 46.891
Yxy	45.7151, 0.4297, 0.3650
Android (android.graphics.Color)	4294287230 (0xFFFF59F7E)
YUV	180.9520, -27.0913, 56.1701
Hunter-Lab	67.6129, 23.7642, 24.7699

Details

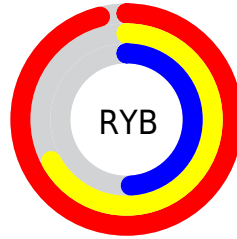
The YUV color **180.9520, -27.0913, 56.1701** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **190.0480, 27.0913, -56.1701**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.2690, -21.3316, 28.7051**, and **127.0870, -25.1859, 51.6667** is the 20% darker color. If you saturate the color by 10%, you get **167.6500, -32.3654, 67.8360**, and if you desaturate by 10%, it is **194.3680, -21.3804, 44.4043**.

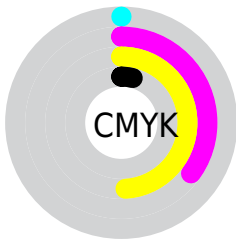
Distribution



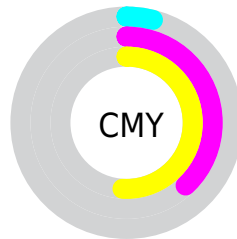
- Red (96%)
- Green (62%)
- Blue (49%)



- Red (96%)
- Yellow (67%)
- Blue (49%)



- Cyan (0%)
- Magenta (35%)
- Yellow (49%)
- Black (4%)



- Cyan (4%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9520, -27.0913, 56.1701 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 180.9520, -27.0913, 56.1701 by changing the saturation by 10% instead.

180.9520,
-27.0913, 56.1701

180.9520,
-27.0913, 56.1701

255.0000, 0.0000,
0.0000

153.2830,
-25.7755, 54.1258

222.2690,
-21.3316, 28.7051

127.0870,
-25.1859, 51.6667

242.4840,
-17.4936, 10.9765

101.1190,
-23.7227, 49.0076

252.7200, -8.7360,
1.9996

75.8520, -22.1120,
45.7338

50.8840, -20.6488,
43.0747

27.6970, -13.6546,
39.7307

14.0530, -6.9281,

28.8945

■ 0.0000, 0.0000,
0.0000

■ 180.9520,
-27.0913, 56.1701

■ 180.9520,
-27.0913, 56.1701

■ 167.6500,
-32.3654, 67.8360

■ 194.3680,
-21.3804, 44.4043

■ 154.8210,
-38.3658, 79.0870

■ 207.0830,
-15.8169, 33.2532

■ 141.5190,
-43.6399, 90.7528

■ 220.4990,
-10.1060, 21.4874

■ 128.1030,
-49.3508, 102.5187

■ 233.8010, -4.8319,
9.8215

■ 114.8010,
-54.6249, 114.1845

■ 247.2170, 0.8790,
-1.9443

■ 113.1710,
-55.7933, 115.6140

■ 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.



182.8230, -11.2517, 62.4222



180.9520, -27.0913, 56.1701



178.8280, -35.9042, 36.1078

Triad

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



180.9520, -27.0913, 56.1701



161.8920, 0.0532, -63.9263



179.6950, 36.1394, -18.1495

Complementary

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



180.9520, -27.0913, 56.1701



190.0480, 27.0913, -56.1701

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.



167.1080, 42.8378, -66.7467



180.9520, -27.0913, 56.1701



140.6130, 29.7708, -122.4406

Square

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



180.9520, -27.0913, 56.1701



170.2160, -21.3055, -26.4994



142.4290, 45.6375, -124.9102



184.7450, 23.7897, 23.0256

Rectangle

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



180.9520, -27.0913, 56.1701



176.5930, -36.2813, 17.0199



142.4290, 45.6375, -124.9102



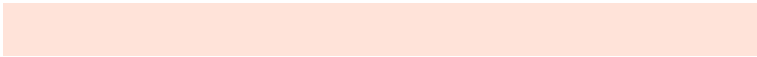
176.5790, 38.6616, -33.8338

Sweetspot

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



180.9520, -27.0913, 56.1701



234.2320, -8.4954, 18.2135



171.4990, 20.4600, 64.4604



115.3990, -5.1267, 11.0511



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.



180.9520, -27.0913, 56.1701



175.3190, -33.6813, 69.8802



214.9980, -43.8760, 26.3118



115.9360, -2.9264, 5.3181



86.1380, -42.4660, 87.5790



27.0330, -13.3273, 28.0351

Inverse Universe

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



190.0480, 27.0913, -56.1701



186.6810, 33.6813, -69.8802



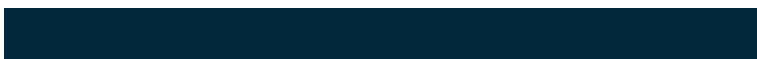
156.0020, 43.8760, -26.3118



116.6510, 2.6371, -5.8329



100.4490, 42.1766, -88.0938



31.3800, 13.6167, -27.5203

Previews

White Background



This preview shows how the YUV color 180.9520, -27.0913, 56.1701 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 180.9520, -27.0913, 56.1701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

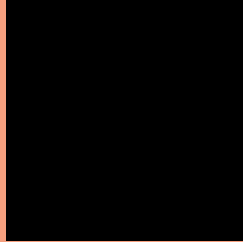
Any Text WCAG AA ✓ Pass

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 180.9520, -27.0913, 56.1701 Background



This preview shows how black text looks on a background with the YUV color 180.9520, -27.0913, 56.1701.



This preview shows how white text looks on a background with the YUV color 180.9520, -27.0913,

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

180.9520, -27.0913, 56.1701

Protanopia

178.7570, -21.5722, 12.4911

Deuteranopia

180.1570, -28.1784, 31.4343



Tritanopia

183.3600, -9.0515, 56.6893

Trichromacy



Original Color

180.9520, -27.0913, 56.1701

Protanomaly

179.4000, -23.3682, 28.5902

Deuteranomaly

180.6250, -27.9161, 40.6709

Tritanomaly

182.6390, -15.5980, 56.4446

Monochromacy



Original Color

180.9520, -27.0913, 56.1701

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.9010, -9.8112, 20.2578

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9520, -27.0913, 56.1701 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(245, 159, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 159, 126) }
```

Border

The CSS property to change the border of an element to YUV 180.9520, -27.0913, 56.1701 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, 126) }
```


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

```
.border{ border-color:rgb(245, 159, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 159, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 159, 126);  
box-shadow:4px 4px 4px 4px rgb(245, 159,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 180.9520, -27.0913, 56.1701 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, 126) }
```

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

```
.background{ background-color: rgb(245,  
159, 126) }
```

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