

Converting Colors

YUV(189.3510, -15.4560,
57.5742)

Have a look what the booklet for
YUV(189.3510, -15.4560, 57.5742)
contains.

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Color

**YUV(189.3510, -15.4560,
57.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA29E
RGB	255, 162, 158
RGB Percent	100%, 64%, 62%
CMY	0.0000, 0.3647, 0.3804
CMYK	0.00, 0.36, 0.38, 0.00
HSL	2°, 100%, 81%
HSV	2°, 38%, 100%
XYZ	60.3319, 49.5693, 38.7357
YIQ	189.3510, 56.7120, 18.4720

Conversions

Conversions Part 2

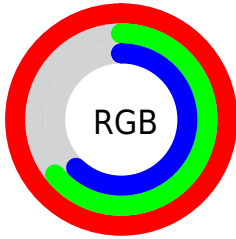
Format	Color
R _Y B	255, 162, 158
Decimal	16753310
CIE Lab	75.80, 34.00, 16.57
CIE LCh	76, 37.822, 25.981
Yxy	49.5693, 0.4059, 0.3335
Android (android.graphics.Color)	4294943390 (0xFFFFA29E)
YUV	189.3510, -15.4560, 57.5742
Hunter-Lab	70.4055, 29.7508, 16.6636

Details

The YUV color **189.3510, -15.4560, 57.5742** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **223.6490, 15.4560, -57.5742**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.4930, -7.6380, 23.2466**, and **134.7850, -13.6980, 53.6856** is the 20% darker color. If you saturate the color by 10%, you get **172.2990, -19.8674, 72.5288**, and if you desaturate by 10%, it is **206.4030, -11.0447, 42.6196**.

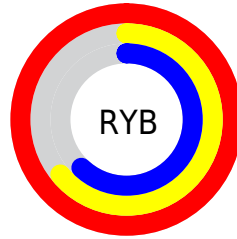
Distribution



Red (100%)

Green (64%)

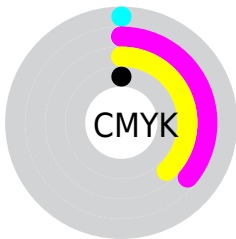
Blue (62%)



Red (100%)

Yellow (64%)

Blue (62%)

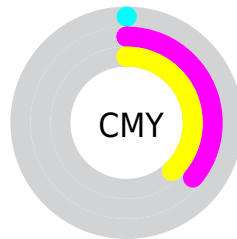


Cyan (0%)

Magenta (36%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3510, -15.4560, 57.5742 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 189.3510, -15.4560, 57.5742 by changing the saturation by 10% instead.

189.3510,
-15.4560, 57.5742

189.3510,
-15.4560, 57.5742

255.0000, 0.0000,
0.0000

161.5680,
-14.5770, 55.6299

228.4930, -7.6380,
23.2466

134.7850,
-13.6980, 53.6856

248.1210, -3.5107,
6.0329

108.7030,
-12.6716, 51.1265

82.9200, -11.7926,
49.1822

57.4790, -9.6031,
46.9379

31.1630, -6.9824,
46.3380

17.3420, -8.5496,

35.6571

■ 8.7850, -3.8380,
17.7286

■ 0.0000, 0.0000,
0.0000

■ 189.3510,
-15.4560, 57.5742

■ 189.3510,
-15.4560, 57.5742

■ 172.2990,
-19.8674, 72.5288

■ 206.4030,
-11.0447, 42.6196

■ 154.7740,
-23.5526, 87.8982

■ 223.9280, -7.3595,
27.2501

■ 137.8360,
-27.5271, 102.7528

■ 240.9800, -2.9481,
12.2955

■ 120.1970,
-31.6491, 118.2222

■ 255.0000, 0.0000,
0.0000

■ 103.2590,
-35.6237, 133.0769

■ 85.6200, -39.7457,
148.5463

■ 82.7020, -40.7721,
151.1053

Harmonies

Analogous

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



190.9710, 1.0003, 52.6454



189.3510, -15.4560, 57.5742



187.5550, -28.3746, 47.7483

Triad

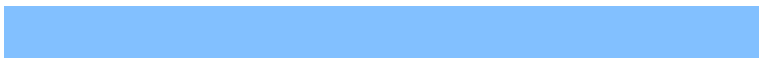
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189.3510, -15.4560, 57.5742



176.5940, -14.5898, -33.8469



180.6440, 36.6575, -44.4148

Complementary

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



189.3510, -15.4560, 57.5742



223.6490, 15.4560, -57.5742

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.



168.2280, 37.3556, -81.7610



189.3510, -15.4560, 57.5742



169.0750, 5.8790, -65.8408

Square

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



189.3510, -15.4560, 57.5742



181.4210, -28.8016, -2.1232



162.0020, 26.6210, -92.0868



189.3610, 29.4020, -3.8246

Rectangle

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



189.3510, -15.4560, 57.5742



185.9140, -32.9886, 34.2784



162.0020, 26.6210, -92.0868



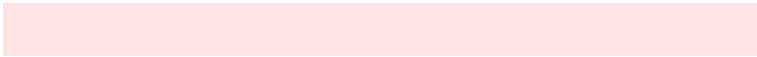
176.6100, 38.1533, -57.5400

Sweetspot

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



189.3510, -15.4560, 57.5742



235.9590, -4.4168, 16.6990



197.7190, 26.7605, 50.2354



116.6700, -2.7953, 9.9364



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.



189.3510, -15.4560, 57.5742



175.9180, -18.6936, 69.3549



217.5270, -29.3468, 32.8638



118.8870, -1.9163, 7.9921



61.8050, -30.4699, 113.3040



20.8970, -10.3022, 37.8013

Inverse Universe

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



223.6490, 15.4560, -57.5742



217.0820, 18.6936, -69.3549



195.4730, 29.3468, -32.8638



123.5260, 2.2057, -7.4773



129.1950, 30.4699, -113.3040



43.1030, 10.3022, -37.8013

Previews

White Background



This preview shows how the YUV color 189.3510, -15.4560, 57.5742 looks on a white background.

Color Contrast Check

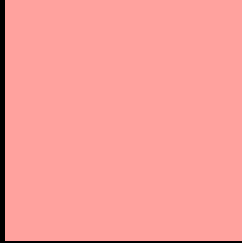
Large Text (above 18pt) WCAG AA × Fail

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 189.3510, -15.4560, 57.5742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

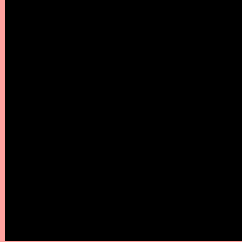
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.3510, -15.4560, 57.5742

Background



This preview shows how black text looks on a background with the YUV color 189.3510, -15.4560, 57.5742.



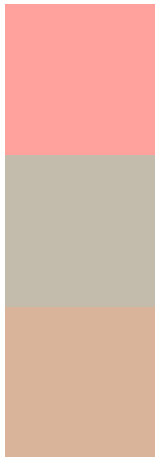
This preview shows how white text looks on a background with the YUV color 189.3510, -15.4560,

57.5742.

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

189.3510, -15.4560, 57.5742

Protanopia

187.5680, -8.1680, 6.5179

Deuteranopia

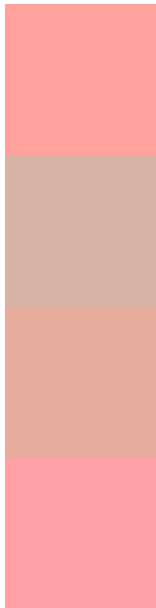
188.2130, -16.3740, 25.2462



Tritanopia

190.3600, -9.0515, 56.6893

Trichromacy



Original Color

189.3510, -15.4560, 57.5742

Protanomaly

188.2930, -10.9904, 25.1760

Deuteranomaly

188.4040, -15.9752, 37.3567

Tritanomaly

189.7900, -11.2355, 57.1892

Monochromacy



Original Color

189.3510, -15.4560, 57.5742

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0520, -5.4486, 21.0024

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3510, -15.4560, 57.5742 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, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 158)  
}
```

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, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 158) }
```

Border

The CSS property to change the border of an element to YUV 189.3510, -15.4560, 57.5742 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, 162, 158) }
```


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

```
.border{ border-color:rgb(255, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 189.3510, -15.4560, 57.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 158) }
```

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

```
.background{ background-color: rgb(255,  
162, 158) }
```

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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