

Converting Colors

YUV(190.1660, -14.8718,
56.8594)

Have a look what the booklet for
YUV(190.1660, -14.8718, 56.8594)
contains.

YUV(190.1660, -14.8718, 56.8594)	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(190.1660, -14.8718,
56.8594)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3A0
RGB	255, 163, 160
RGB Percent	100%, 64%, 63%
CMY	0.0000, 0.3608, 0.3725
CMYK	0.00, 0.36, 0.37, 0.00
HSL	2°, 100%, 81%
HSV	2°, 37%, 100%
XYZ	60.6824, 49.9925, 39.7089
YIQ	190.1660, 55.7950, 18.5710

Conversions

Conversions Part 2

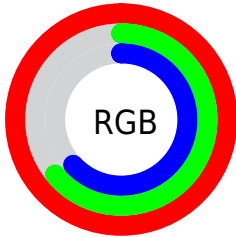
Format	Color
R_{YB}	255, 163, 160
Decimal	16753568
CIE _{Lab}	76.06, 33.71, 15.84
CIE _{LCh}	76, 37.244, 25.171
Yxy	49.9925, 0.4035, 0.3324
Android (android.graphics.Color)	4294943648 (0xFFFFA3A0)
YUV	190.1660, -14.8718, 56.8594
Hunter-Lab	70.7053, 29.4620, 16.1958

Details

The YUV color **190.1660, -14.8718, 56.8594** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **224.8340, 14.8718, -56.8594**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.3080, -7.0538, 22.5319**, and **135.6000, -13.1138, 52.9708** is the 20% darker color. If you saturate the color by 10%, you get **172.5270, -18.9938, 72.3288**, and if you desaturate by 10%, it is **207.8050, -10.7499, 41.3900**.

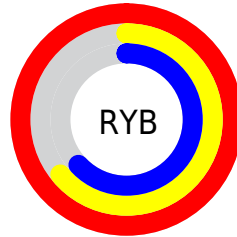
Distribution



Red (100%)

Green (64%)

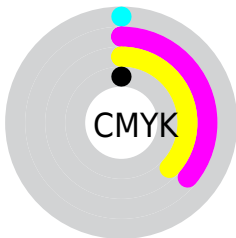
Blue (63%)



Red (100%)

Yellow (64%)

Blue (63%)

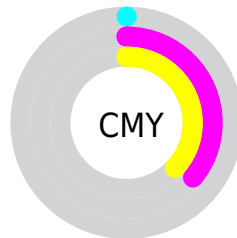


Cyan (0%)

Magenta (36%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.1660, -14.8718, 56.8594 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 190.1660, -14.8718, 56.8594 by changing the saturation by 10% instead.

190.1660,
-14.8718, 56.8594

190.1660,
-14.8718, 56.8594

255.0000, 0.0000,
0.0000

162.3830,
-13.9928, 54.9151

229.3080, -7.0538,
22.5319

135.6000,
-13.1138, 52.9708

249.5230, -3.2158,
4.8033

109.4040,
-12.5242, 50.5117

83.7350, -11.2084,
48.4674

58.7670, -9.7451,
45.8083

31.9780, -6.3982,
45.6233

17.3420, -8.5496,

35.6571

■ 9.0840, -3.9854,
18.3433

■ 0.0000, 0.0000,
0.0000

■ 190.1660,
-14.8718, 56.8594

■ 190.1660,
-14.8718, 56.8594

■ 172.5270,
-18.9938, 72.3288

■ 207.8050,
-10.7499, 41.3900

■ 155.5890,
-22.9684, 87.1834

■ 224.7430, -6.7753,
26.5354

■ 138.0640,
-26.6536, 102.5529

■ 242.3820, -2.6533,
11.0660

■ 120.4250,
-30.7755, 118.0223

■ 255.0000, 0.0000,
0.0000

■ 103.4870,
-34.7501, 132.8769

■ 85.8480, -38.8721,
148.3463

■ 80.9410, -39.9039,
152.6497

Harmonies

Analogous

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



192.0740, 1.4425, 50.8011



190.1660, -14.8718, 56.8594



188.3700, -27.7904, 47.0335

Triad

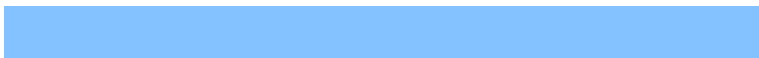
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190.1660, -14.8718, 56.8594



177.4910, -15.0321, -32.0026



181.5300, 36.2207, -44.3148

Complementary

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



190.1660, -14.8718, 56.8594



224.8340, 14.8718, -56.8594

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.



169.0110, 36.4766, -79.8166



190.1660, -14.8718, 56.8594



170.8580, 5.0000, -63.8965

Square

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



190.1660, -14.8718, 56.8594



182.1330, -28.6596, -0.9936



164.3830, 25.4472, -88.9129



189.7630, 29.6968, -5.0542

Rectangle

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



190.1660, -14.8718, 56.8594



187.0280, -32.5518, 34.1784



164.3830, 25.4472, -88.9129



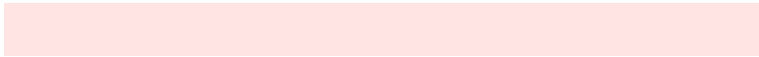
177.3820, 37.2797, -57.3400

Sweetspot

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



190.1660, -14.8718, 56.8594



235.9590, -4.4168, 16.6990



199.0070, 26.6185, 49.1059



116.0830, -2.5059, 10.4512



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.



190.1660, -14.8718, 56.8594



176.7330, -18.1094, 68.6402



217.1680, -28.1838, 33.1787



118.8870, -1.9163, 7.9921



60.6310, -29.8911, 114.3336



20.3100, -10.0128, 38.3161

Inverse Universe

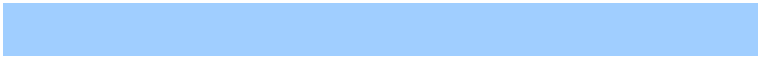
The Inverse Universe completely reimagines the original color for something new.



224.8340, 14.8718, -56.8594



218.2670, 18.1094, -68.6402



197.8320, 28.1838, -33.1787



123.5260, 2.2057, -7.4773



130.3690, 29.8911, -114.3336



43.6900, 10.0128, -38.3161

Previews

White Background



This preview shows how the YUV color 190.1660, -14.8718, 56.8594 looks on a white background.

Color Contrast Check

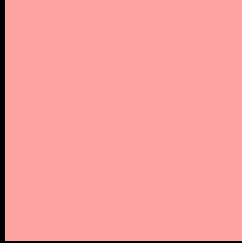
Large Text (above 18pt) WCAG AA × Fail

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 190.1660, -14.8718, 56.8594 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 190.1660, -14.8718, 56.8594 Background



This preview shows how black text looks on a background with the YUV color 190.1660, -14.8718, 56.8594.



This preview shows how white text looks on a background with the YUV color 190.1660, -14.8718, 56.8594.

56.8594.

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

190.1660, -14.8718, 56.8594

Protanopia

187.6820, -7.7312, 6.4179

Deuteranopia

189.0280, -15.7898, 24.5314



Tritanopia

191.0610, -8.9041, 56.0745

Trichromacy



Original Color

190.1660, -14.8718, 56.8594

Protanomaly

188.5210, -10.1169, 24.9761

Deuteranomaly

189.2190, -15.3910, 36.6419

Tritanomaly

190.4910, -11.0881, 56.5744

Monochromacy



Original Color

190.1660, -14.8718, 56.8594

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0520, -5.4486, 21.0024

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.1660, -14.8718, 56.8594 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, 163, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 160)  
}
```

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, 163, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 160) }
```

Border

The CSS property to change the border of an element to YUV 190.1660, -14.8718, 56.8594 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, 163, 160) }
```


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

```
.border{ border-color:rgb(255, 163, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 190.1660, -14.8718, 56.8594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 160) }
```

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

```
.background{ background-color: rgb(255,  
163, 160) }
```

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