

# Converting Colors

YUV(191.6820, -14.1402,  
55.5299)

Have a look what the booklet for  
YUV(191.6820, -14.1402, 55.5299)  
contains.

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# Color

**YUV(191.6820, -14.1402,  
55.5299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA5A3
RGB	255, 165, 163
RGB Percent	100%, 65%, 64%
CMY	0.0000, 0.3529, 0.3608
CMYK	0.00, 0.35, 0.36, 0.00
HSL	1°, 100%, 82%
HSV	1°, 36%, 100%
XYZ	61.3060, 50.8146, 41.2274
YIQ	191.6820, 54.2820, 18.4580

# Conversions

## Conversions Part 2

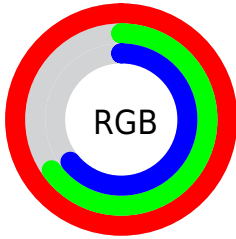
Format	Color
R <sub>Y</sub> B	255, 165, 163
Decimal	16754083
CIE Lab	76.57, 33.01, 14.91
CIE LCh	77, 36.224, 24.302
Yxy	50.8146, 0.3998, 0.3314
Android (android.graphics.Color)	4294944163 (0xFFFFA5A3)
YUV	191.6820, -14.1402, 55.5299
Hunter-Lab	71.2844, 28.7660, 15.6087

# Details

The YUV color **191.6820, -14.1402, 55.5299** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **226.3180, 14.1402, -55.5299**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8240, -6.3222, 21.2024**, and **137.0020, -12.8190, 51.7412** is the 20% darker color. If you saturate the color by 10%, you get **174.0430, -18.2622, 70.9993**, and if you desaturate by 10%, it is **209.2070, -10.4551, 40.1605**.

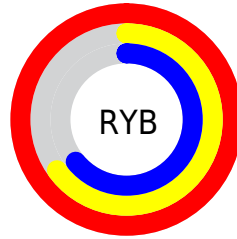
# Distribution



Red (100%)

Green (65%)

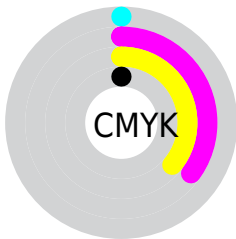
Blue (64%)



Red (100%)

Yellow (65%)

Blue (64%)

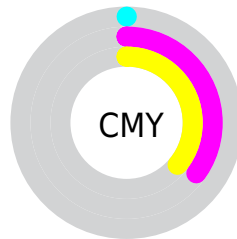


Cyan (0%)

Magenta (35%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 191.6820, -14.1402, 55.5299 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 191.6820, -14.1402, 55.5299 by changing the saturation by 10% instead.



191.6820,  
-14.1402, 55.5299

191.6820,  
-14.1402, 55.5299

255.0000, 0.0000,  
0.0000

163.8990,  
-13.2612, 53.5856

230.8240, -6.3222,  
21.2024

137.0020,  
-12.8190, 51.7412

251.0390, -2.4842,  
3.4738

110.9200,  
-11.7926, 49.1822

85.2510, -10.4767,  
47.1379

60.2830, -9.0135,  
44.4788

34.0810, -5.9559,  
43.7790

17.6410, -8.6970,

36.2718

■ 9.6820, -4.2802,  
19.5729

■ 0.0000, 0.0000,  
0.0000

■ 191.6820,  
-14.1402, 55.5299

■ 191.6820,  
-14.1402, 55.5299

■ 174.0430,  
-18.2622, 70.9993

■ 209.2070,  
-10.4551, 40.1605

■ 156.5180,  
-21.9474, 86.3687

■ 226.8460, -6.3331,  
24.6911

■ 138.8790,  
-26.0693, 101.8381

■ 244.3710, -2.6479,  
9.3216

■ 121.3540,  
-29.7545, 117.2075

■ 255.0000, 0.0000,  
0.0000

■ 103.7150,  
-33.8765, 132.6769

■ 86.1900, -37.5617,  
148.0464

■ 79.7670, -39.3251,  
153.6793

# Harmonies

## Analogous

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



193.4760, 1.7373, 49.5715



191.6820, -14.1402, 55.5299



189.7120, -26.4800, 46.7336

# Triad

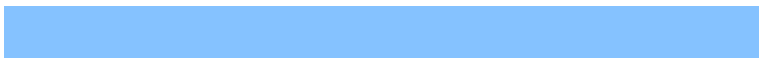
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



191.6820, -14.1402, 55.5299



179.5020, -15.0375, -30.2583



182.7150, 35.6365, -43.6001

# Complementary

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



191.6820, -14.1402, 55.5299



226.3180, 14.1402, -55.5299

# 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.



171.5770, 34.7185, -75.9280



191.6820, -14.1402, 55.5299



173.2390, 3.8262, -60.7226

# Square

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



191.6820, -14.1402, 55.5299



183.9590, -28.0808, 0.0360



167.8460, 23.2469, -83.1799



190.9370, 29.1181, -6.0837



# Rectangle

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



191.6820, -14.1402, 55.5299



188.3700, -31.2414, 33.8785



167.8460, 23.2469, -83.1799



178.8660, 36.5481, -56.0105

# Sweetspot

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



191.6820, -14.1402, 55.5299



235.9590, -4.4168, 16.6990



200.7680, 25.7504, 47.5615



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.



191.6820, -14.1402, 55.5299



179.6510, -17.0829, 66.0811



218.6840, -27.4522, 31.8491



118.8870, -1.9163, 7.9921



59.4570, -29.3123, 115.3632



19.7230, -9.7234, 38.8309



# Inverse Universe

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



226.3180, 14.1402, -55.5299



220.9360, 16.7936, -66.5959



199.3160, 27.4522, -31.8491



123.5260, 2.2057, -7.4773



131.5430, 29.3123, -115.3632



43.6900, 10.0128, -38.3161



# Previews

## White Background



This preview shows how the YUV color 191.6820, -14.1402, 55.5299 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

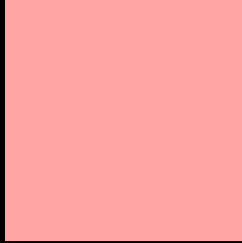
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 191.6820, -14.1402, 55.5299 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 191.6820, -14.1402, 55.5299

## Background



This preview shows how black text looks on a background with the YUV color 191.6820, -14.1402, 55.5299.



This preview shows how white text looks on a background with the YUV color 191.6820, -14.1402, 55.5299.

55.5299.

# 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

191.6820, -14.1402, 55.5299

### Protanopia

189.4970, -7.1470, 5.7031

### Deuteranopia

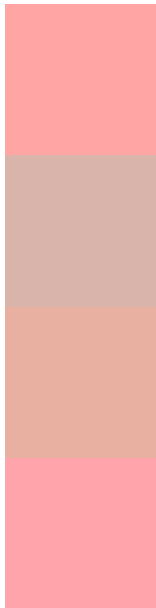
190.2560, -14.9162, 24.3315



## Tritanopia

192.5770, -8.1725, 54.7450

# Trichromacy



## Original Color

191.6820, -14.1402, 55.5299

## Protanomaly

190.0370, -9.3852, 23.6466

## Deuteranomaly

190.7350, -14.6594, 35.3124

## Tritanomaly

192.0070, -10.3565, 55.2449

# Monochromacy



## Original Color

191.6820, -14.1402, 55.5299

## Achromatopsia

192.0000, 0.0000, 0.0000

## Achromatomaly

191.7530, -5.3012, 20.3876

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 191.6820, -14.1402, 55.5299 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, 165, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 163)  
}
```

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, 165, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 163) }
```

## Border

The CSS property to change the border of an element to YUV 191.6820, -14.1402, 55.5299 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, 165, 163) }
```



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

```
.border{ border-color:rgb(255, 165, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
163) }
```

# Background

The CSS property to change the background color of an element to YUV 191.6820, -14.1402, 55.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 163) }
```

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

```
.background{ background-color: rgb(255,  
165, 163) }
```

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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