

# Converting Colors

YUV(191.2430, -18.3608,  
55.9149)

Have a look what the booklet for  
YUV(191.2430, -18.3608, 55.9149)  
contains.

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# Color

**YUV(191.2430, -18.3608,  
55.9149)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA69A
RGB	255, 166, 154
RGB Percent	100%, 65%, 60%
CMY	0.0000, 0.3490, 0.3961
CMYK	0.00, 0.35, 0.40, 0.00
HSL	7°, 100%, 80%
HSV	7°, 40%, 100%
XYZ	60.7090, 50.8655, 37.1902
YIQ	191.2430, 56.8960, 15.1360

# Conversions

## Conversions Part 2

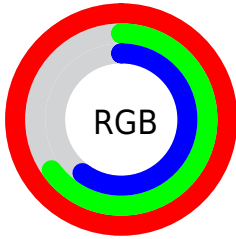
Format	Color
R <sub>Y</sub> B	255, 168, 154
Decimal	16754330
CIE Lab	76.60, 31.47, 19.85
CIE LCh	77, 37.209, 32.235
Yxy	50.8655, 0.4081, 0.3419
Android (android.graphics.Color)	4294944410 (0xFFFFA69A)
YUV	191.2430, -18.3608, 55.9149
Hunter-Lab	71.3201, 27.1323, 19.0070

# Details

The YUV color **191.2430, -18.3608, 55.9149** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **217.7570, 18.3608, -55.9149**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.2710, -10.9796, 21.6873**, and **136.6770, -16.6028, 52.0263** is the 20% darker color. If you saturate the color by 10%, you get **175.4790, -22.9141, 69.7399**, and if you desaturate by 10%, it is **207.0070, -13.8075, 42.0899**.

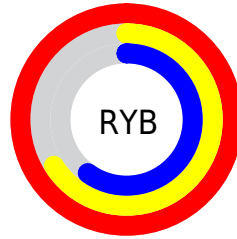
# Distribution



Red (100%)

Green (65%)

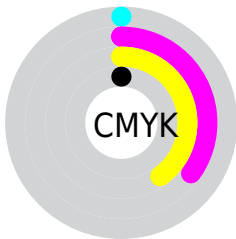
Blue (60%)



Red (100%)

Yellow (66%)

Blue (60%)

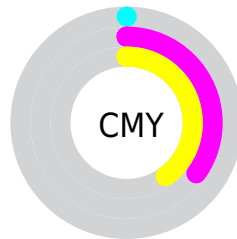


Cyan (0%)

Magenta (35%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 191.2430, -18.3608, 55.9149 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 191.2430, -18.3608, 55.9149 by changing the saturation by 10% instead.



191.2430,  
-18.3608, 55.9149

191.2430,  
-18.3608, 55.9149

255.0000, 0.0000,  
0.0000

163.4600,  
-17.4818, 53.9706

230.2710,  
-10.9796, 21.6873

136.6770,  
-16.6028, 52.0263

250.6000, -6.7048,  
3.8588

110.5950,  
-15.5763, 49.4672

84.9260, -14.2605,  
47.4229

59.9580, -12.7973,  
44.7638

34.8160, -10.7553,  
43.1344

17.0430, -8.4022,

35.0423

■ 9.0840, -3.9854,  
18.3433

■ 0.0000, 0.0000,  
0.0000

■ 191.2430,  
-18.3608, 55.9149

■ 191.2430,  
-18.3608, 55.9149

■ 175.4790,  
-22.9141, 69.7399

■ 207.0070,  
-13.8075, 42.0899

■ 159.0140,  
-27.6149, 84.1797

■ 223.4720, -9.1067,  
27.6501

■ 143.2500,  
-32.1683, 98.0048

■ 239.3500, -4.1165,  
13.7251

■ 126.7850,  
-36.8690, 112.4446

■ 255.0000, 0.0000,  
0.0000

■ 110.9070,  
-41.8592, 126.3696

■ 94.5560, -46.1231,  
140.7094

■ 93.8550, -46.2705,  
141.3242

# Harmonies

## Analogous

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



193.3580, -2.6415, 54.0600



191.2430, -18.3608, 55.9149



189.4790, -29.8161, 43.4299

# Triad

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



191.2430, -18.3608, 55.9149



177.5870, -10.6424, -39.9798



184.5420, 34.7358, -34.6783

# Complementary

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



191.2430, -18.3608, 55.9149



217.7570, 18.3608, -55.9149

# 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.



173.5820, 37.1811, -72.4244



191.2430, -18.3608, 55.9149



170.6660, 9.5317, -70.7441

# Square

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



191.2430, -18.3608, 55.9149



182.7730, -26.0171, -8.5709



165.9960, 29.0890, -90.3275



192.1340, 27.0489, 4.2675



# Rectangle

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



191.2430, -18.3608, 55.9149



187.5820, -32.8249, 28.4306



165.9960, 29.0890, -90.3275



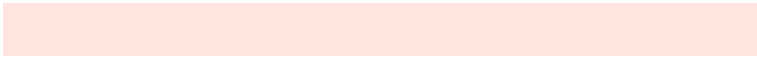
181.5080, 36.2316, -47.8035

# Sweetspot

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



191.2430, -18.3608, 55.9149



235.6170, -5.7272, 16.9989



194.3450, 23.9869, 53.1944



116.5560, -3.2321, 10.0364



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.



191.2430, -18.3608, 55.9149



177.6960, -22.0351, 67.7956



220.5930, -32.8303, 30.1749



119.4740, -2.2057, 7.4773



70.6100, -34.8107, 105.5820



23.8320, -11.7492, 35.2273



# Inverse Universe

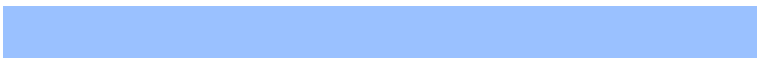
The Inverse Universe completely reimagines the original color for something new.



217.7570, 18.3608, -55.9149



209.7170, 22.3245, -67.2808



188.4070, 32.8303, -30.1749



122.9390, 2.4951, -6.9625



120.9770, 34.5213, -106.0968



40.1680, 11.7492, -35.2273



# Previews

## White Background



This preview shows how the YUV color 191.2430, -18.3608, 55.9149 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

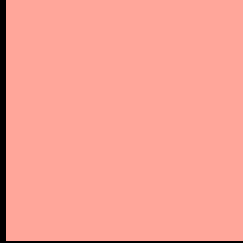
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 191.2430, -18.3608, 55.9149 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 191.2430, -18.3608, 55.9149

## Background



This preview shows how black text looks on a background with the YUV color 191.2430, -18.3608, 55.9149.



This preview shows how white text looks on a background with the YUV color 191.2430, -18.3608,



# 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

191.2430, -18.3608, 55.9149

### Protanopia

188.9550, -11.8098, 7.9325

### Deuteranopia

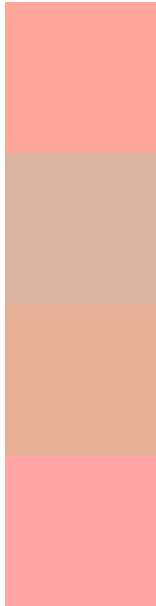
190.1270, -19.2896, 27.0756



## Tritanopia

192.5770, -8.1725, 54.7450

# Trichromacy



## Original Color

191.2430, -18.3608, 55.9149

## Protanomaly

190.0820, -14.3374, 25.3611

## Deuteranomaly

190.3070, -18.8854, 37.4418

## Tritanomaly

192.2520, -11.9562, 55.0300

# Monochromacy



## Original Color

191.2430, -18.3608, 55.9149

## Achromatopsia

191.0000, 0.0000, 0.0000

## Achromatomaly

191.1120, -6.4642, 20.0728

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 191.2430, -18.3608, 55.9149 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, 166, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 154)  
}
```

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, 166, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 154) }
```

## Border

The CSS property to change the border of an element to YUV 191.2430, -18.3608, 55.9149 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, 166, 154) }
```



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

```
.border{ border-color:rgb(255, 166, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
154) }
```

# Background

The CSS property to change the background color of an element to YUV 191.2430, -18.3608, 55.9149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 154) }
```

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

```
.background{ background-color: rgb(255,  
166, 154) }
```

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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