

# Converting Colors

YUV(218.6790, -9.7017,  
31.8535)

Have a look what the booklet for  
YUV(218.6790, -9.7017, 31.8535)  
contains.

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# Color

**YUV(218.6790, -9.7017,  
31.8535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCC7
RGB	255, 204, 199
RGB Percent	100%, 80%, 78%
CMY	0.0000, 0.2000, 0.2196
CMYK	0.00, 0.20, 0.22, 0.00
HSL	5°, 100%, 89%
HSV	5°, 22%, 100%
XYZ	73.1417, 68.5693, 63.4130
YIQ	218.6790, 32.0010, 9.2570

# Conversions

## Conversions Part 2

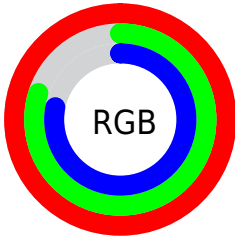
Format	Color
R <sub>Y</sub> B	255, 204, 199
Decimal	16764103
CIE Lab	86.29, 17.28, 9.34
CIE LCh	86, 19.647, 28.393
Yxy	68.5693, 0.3566, 0.3343
Android (android.graphics.Color)	4294954183 (0xFFFFCCC7)
YUV	218.6790, -9.7017, 31.8535
Hunter-Lab	82.8066, 12.7547, 12.5605

# Details

The YUV color  $218.6790, -9.7017, 31.8535$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $235.3210, 9.7017, -31.8535$ , and the grayscale version is  $219.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $163.7820, -9.2595, 30.0092$  is the 20% darker color. If you saturate the color by 10%, you get  $202.3280, -13.9657, 46.1933$ , and if you desaturate by 10%, it is  $235.1440, -5.0010, 17.4137$ .

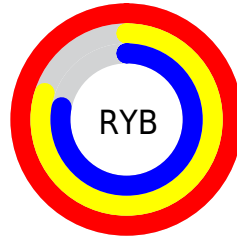
# Distribution



Red (100%)

Green (80%)

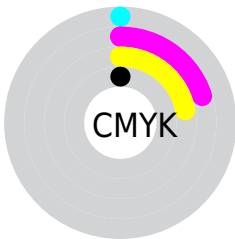
Blue (78%)



Red (100%)

Yellow (80%)

Blue (78%)

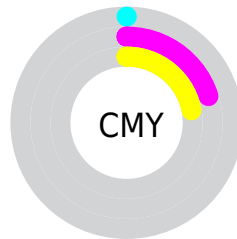


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.6790, -9.7017, 31.8535 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 218.6790, -9.7017, 31.8535 by changing the saturation by 10% instead.



218.6790, -9.7017,  
31.8535

218.6790, -9.7017,  
31.8535

255.0000, 0.0000,  
0.0000

190.4940, -9.1175,  
31.1388

163.7820, -9.2595,  
30.0092

137.2980, -8.5279,  
28.6797

111.7000, -8.2331,  
27.4501

86.8030, -7.7909,  
25.6058

63.3190, -7.0593,  
24.2762

40.5360, -6.1802,

22.3319

■ 17.6670, -8.2168,  
22.2170

■ 0.8970, -0.4422,  
1.8443

■ 218.6790, -9.7017,  
31.8535

■ 218.6790, -9.7017,  
31.8535

■ 202.3280,  
-13.9657, 46.1933

■ 235.1440, -5.0010,  
17.4137

■ 185.8630,  
-18.6665, 60.6331

■ 251.4950, -0.7370,  
3.0739

■ 168.8110,  
-23.0778, 75.5878

255.0000, 0.0000,  
0.0000

■ 152.4600,  
-27.3418, 89.9276

■ 135.9950,  
-32.0425, 104.3674

■ 119.6440,  
-36.3065, 118.7072

■ 102.5920,  
-40.7179, 133.6618

■ 89.7460, -44.2448,  
144.9278

# Harmonies

## Analogous

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



219.3610, -0.6710, 28.6244



218.6790, -9.7017, 31.8535



217.0390, -15.7952, 26.2758

# Triad

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



218.6790, -9.7017, 31.8535



211.2290, -7.5079, -18.6178



214.8140, 18.8257, -18.2539

# Complementary

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



218.6790, -9.7017, 31.8535



235.3210, 9.7017, -31.8535

# 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.



211.0850, 17.7061, -32.5235



218.6790, -9.7017, 31.8535



209.3720, 2.2816, -31.8982

# Square

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



218.6790, -9.7017, 31.8535



213.0910, -14.8349, -1.8338



209.1570, 11.7546, -36.9717



217.4250, 15.5665, 0.5043



# Rectangle

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



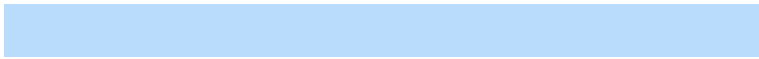
218.6790, -9.7017, 31.8535



216.1260, -17.8101, 19.1835



209.1570, 11.7546, -36.9717



213.4820, 18.9894, -24.1017

# Sweetspot

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



218.6790, -9.7017, 31.8535



243.5560, -3.2321, 10.0364



221.5580, 14.0219, 29.3286



120.8760, -1.9109, 6.2477



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.



218.6790, -9.7017, 31.8535



212.2560, -11.4652, 37.4865



235.1150, -17.8047, 17.4391



119.4740, -2.2057, 7.4773



67.0880, -33.0744, 108.6708



22.6580, -11.1704, 36.2569



# Inverse Universe

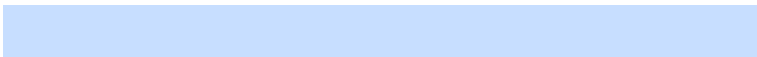
The Inverse Universe completely reimagines the original color for something new.



235.3210, 9.7017, -31.8535



231.7440, 11.4652, -37.4865



218.8850, 17.8047, -17.4391



122.9390, 2.4951, -6.9625



123.9120, 33.0744, -108.6708



41.3420, 11.1704, -36.2569



# Previews

## White Background



This preview shows how the YUV color 218.6790, -9.7017, 31.8535 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

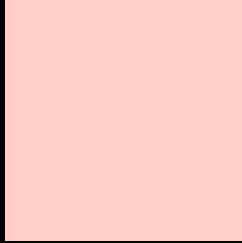
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 218.6790, -9.7017, 31.8535 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

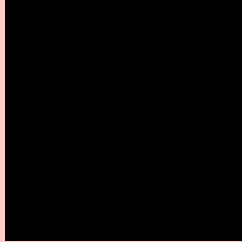
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 218.6790, -9.7017, 31.8535

## Background



This preview shows how black text looks on a background with the YUV color 218.6790, -9.7017, 31.8535.



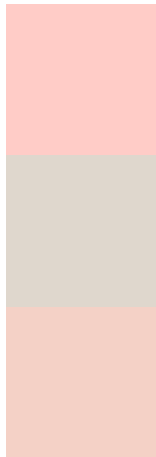
This preview shows how white text looks on a background with the YUV color 218.6790, -9.7017,

31.8535.

# 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

218.6790, -9.7017, 31.8535

### Protanopia

216.2520, -5.5472, 5.9180

### Deuteranopia

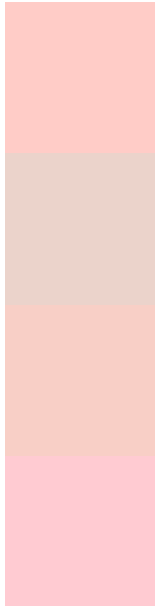
218.2110, -9.9640, 22.6170



## Tritanopia

219.5570, -1.2606, 31.0835

# Trichromacy



## Original Color

218.6790, -9.7017, 31.8535

## Protanomaly

217.2640, -7.0322, 15.5545

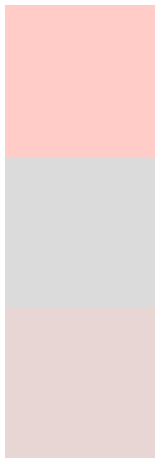
## Deuteranomaly

218.2330, -9.9749, 26.1057

## Tritanomaly

219.3460, -4.6076, 31.2686

# Monochromacy



## Original Color

218.6790, -9.7017, 31.8535

## Achromatopsia

219.0000, 0.0000, 0.0000

## Achromatomaly

219.1540, -3.5269, 11.2659

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.6790, -9.7017, 31.8535 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, 204, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 199)  
}
```

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, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 199) }
```

## Border

The CSS property to change the border of an element to YUV 218.6790, -9.7017, 31.8535 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, 204, 199) }
```



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

```
.border{ border-color:rgb(255, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 218.6790, -9.7017, 31.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 199) }
```

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

```
.background{ background-color: rgb(255,  
204, 199) }
```

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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