

# Converting Colors

YUV(207.5160, -9.1284,  
34.6275)

Have a look what the booklet for  
YUV(207.5160, -9.1284, 34.6275)  
contains.

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# Color

**YUV(207.5160, -9.1284,  
34.6275)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F7BFBD
RGB	247, 191, 189
RGB Percent	97%, 75%, 74%
CMY	0.0314, 0.2510, 0.2588
CMYK	0.00, 0.23, 0.23, 0.03
HSL	2°, 78%, 85%
HSV	2°, 23%, 97%
XYZ	66.1739, 60.7099, 56.3746
YIQ	207.5160, 34.0180, 11.2500

# Conversions

## Conversions Part 2

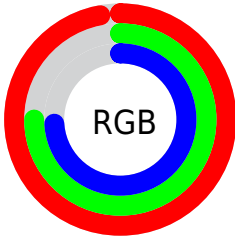
Format	Color
R <sub>Y</sub> B	247, 191, 189
Decimal	16236477
CIE Lab	82.22, 19.78, 8.75
CIE LCh	82, 21.629, 23.869
Yxy	60.7099, 0.3611, 0.3313
Android (android.graphics.Color)	4294426557 (0xFFF7BFBD)
YUV	207.5160, -9.1284, 34.6275
Hunter-Lab	77.9165, 15.2446, 11.6438

# Details

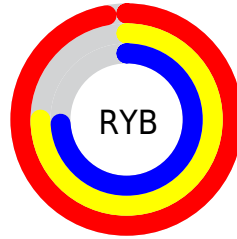
The YUV color  $207.5160, -9.1284, 34.6275$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $228.4840, 9.1284, -34.6275$ , and the grayscale version is  $208.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.7510, -2.3422, 4.6034$ , and  $152.7330, -8.2494, 32.6832$  is the 20% darker color. If you saturate the color by 10%, you get  $190.5780, -13.1030, 49.4821$ , and if you desaturate by 10%, it is  $224.4540, -5.1538, 19.7728$ .

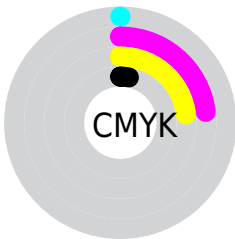
# Distribution



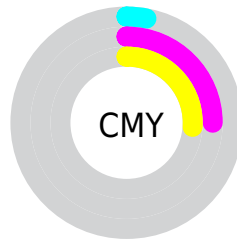
- Red (97%)
- Green (75%)
- Blue (74%)



- Red (97%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (23%)
- Yellow (23%)
- Black (3%)




- Cyan (3%)
- Magenta (25%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 207.5160, -9.1284, 34.6275 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 207.5160, -9.1284, 34.6275 by changing the saturation by 10% instead.




 207.5160, -9.1284,  
34.6275

 207.5160, -9.1284,  
34.6275

255.0000, 0.0000,  
0.0000


 179.9180, -8.8336,  
33.3979


 249.7510, -2.3422,  
4.6034

 152.7330, -8.2494,  
32.6832

 126.7220, -8.2439,  
30.9388

 101.2380, -7.5123,  
29.6093

 76.7540, -6.7807,  
28.2797

 53.5580, -6.1911,  
25.8206

 31.1880, -5.0227,

24.3911

■ 11.3620, -5.6015,  
23.3615

■ 0.0000, 0.0000,  
0.0000

■ 207.5160, -9.1284,  
34.6275

■ 207.5160, -9.1284,  
34.6275

■ 190.5780,  
-13.1030, 49.4821

■ 224.4540, -5.1538,  
19.7728

■ 173.7540,  
-16.6407, 64.2367

■ 241.2780, -1.6161,  
5.0182

■ 156.8160,  
-20.6153, 79.0914

■ 252.6080, 1.1793,  
-4.9182

■ 140.4650,  
-24.8792, 93.4312

■ 123.6410,  
-28.4170, 108.1858

■ 106.7030,  
-32.3916, 123.0405

■ 89.7650, -36.3661,  
137.8951

■ 79.1360, -39.0140,  
147.2167

# Harmonies

## Analogous

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



208.7140, 0.6340, 30.0688



207.5160, -9.1284, 34.6275



205.9470, -16.2429, 29.8645

# Triad

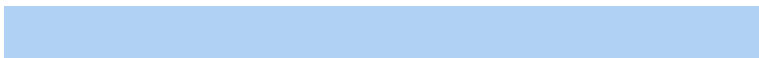
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



207.5160, -9.1284, 34.6275



199.3710, -9.5499, -16.9884



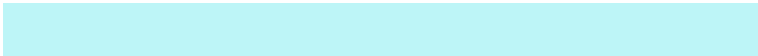
202.5360, 20.4418, -23.2721

# Complementary

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



207.5160, -9.1284, 34.6275



228.4840, 9.1284, -34.6275

# 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.



198.6930, 18.8854, -37.4418



207.5160, -9.1284, 34.6275



197.3180, 0.8292, -32.7279

# Square

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



207.5160, -9.1284, 34.6275



201.8310, -17.1717, 1.0252



196.7220, 11.4761, -40.9752



206.1580, 17.1771, -2.7696



# Rectangle

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



207.5160, -9.1284, 34.6275



204.5070, -18.9840, 22.3574



196.7220, 11.4761, -40.9752



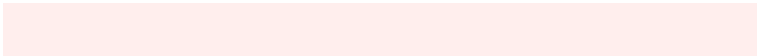
201.2040, 20.6054, -29.1199

# Sweetspot

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



207.5160, -9.1284, 34.6275



242.9690, -2.9427, 10.5512



212.7260, 15.9111, 30.0583



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.



207.5160, -9.1284, 34.6275



206.4030, -11.0447, 42.6196



224.5390, -17.5207, 19.6983



114.1750, -2.0583, 6.8625



59.1360, -29.1540, 111.2597

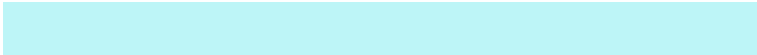


18.8150, -9.2758, 35.2422

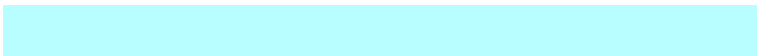


# Inverse Universe

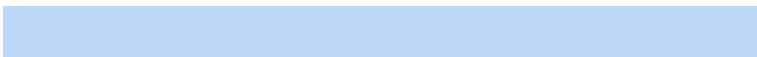
The Inverse Universe completely reimagines the original color for something new.



228.4840, 9.1284, -34.6275



232.5970, 11.0447, -42.6196



211.4610, 17.5207, -19.6983



118.4120, 1.7689, -7.3773



126.8640, 29.1540, -111.2597



40.1850, 9.2758, -35.2422



# Previews

## White Background



This preview shows how the YUV color 207.5160, -9.1284, 34.6275 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

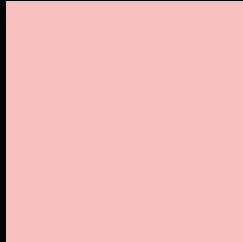
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 207.5160, -9.1284, 34.6275 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

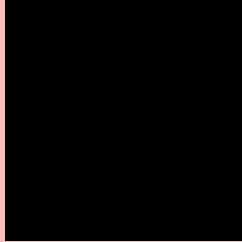
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 207.5160, -9.1284, 34.6275

## Background



This preview shows how black text looks on a background with the YUV color 207.5160, -9.1284, 34.6275.



This preview shows how white text looks on a background with the YUV color 207.5160, -9.1284,

34.6275.

# 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

207.5160, -9.1284, 34.6275

### Protanopia

205.1810, -4.5262, 5.1033

### Deuteranopia

206.7270, -9.2324, 21.2874



## Tritanopia

208.5360, -2.7292, 35.4869

# Trichromacy



## Original Color

207.5160, -9.1284, 34.6275

## Protanomaly

205.7910, -6.3060, 15.9693

## Deuteranomaly

206.7600, -9.2487, 26.5205

## Tritanomaly

208.2540, -5.0552, 34.8572

# Monochromacy



## Original Color

207.5160, -9.1284, 34.6275

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

207.8660, -3.3849, 12.3955

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.5160, -9.1284, 34.6275 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(247, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(247, 191, 189)  
}
```

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(247, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 191, 189) }
```

## Border

The CSS property to change the border of an element to YUV 207.5160, -9.1284, 34.6275 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(247, 191, 189) }
```



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

```
.border{ border-color:rgb(247, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(247, 191,  
189) }
```

# Background

The CSS property to change the background color of an element to YUV 207.5160, -9.1284, 34.6275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 191, 189) }
```

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

```
.background{ background-color: rgb(247,  
191, 189) }
```

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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