

Converting Colors

YUV(209.8740, -5.3609,
39.5755)

Have a look what the booklet for
YUV(209.8740, -5.3609, 39.5755)
contains.

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Color

**YUV(209.8740, -5.3609,
39.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDC7
RGB	255, 189, 199
RGB Percent	100%, 74%, 78%
CMY	0.0000, 0.2588, 0.2196
CMYK	0.00, 0.26, 0.22, 0.00
HSL	351°, 100%, 87%
HSV	351°, 26%, 100%
XYZ	69.7464, 61.7787, 62.2813
YIQ	209.8740, 36.1260, 17.1020

Conversions

Conversions Part 2

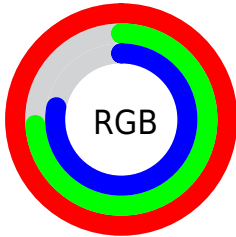
Format	Color
R _Y B	255, 189, 199
Decimal	16760263
CIE Lab	82.80, 25.14, 4.32
CIE LCh	83, 25.512, 9.741
Yxy	61.7787, 0.3599, 0.3188
Android (android.graphics.Color)	4294950343 (0xFFFFBDC7)
YUV	209.8740, -5.3609, 39.5755
Hunter-Lab	78.5994, 20.8457, 8.0389

Details

The YUV color $209.8740, -5.3609, 39.5755$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $234.1260, 5.3609, -39.5755$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.6045, 4.6332$, and $154.6780, -4.7713, 37.1164$ is the 20% darker color. If you saturate the color by 10%, you get $192.6910, -7.7357, 54.6450$, and if you desaturate by 10%, it is $227.6440, -3.2755, 23.9912$.

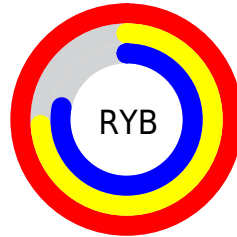
Distribution



Red (100%)

Green (74%)

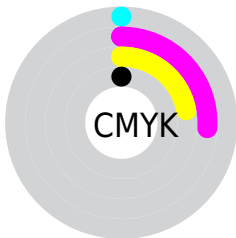
Blue (78%)



Red (100%)

Yellow (74%)

Blue (78%)

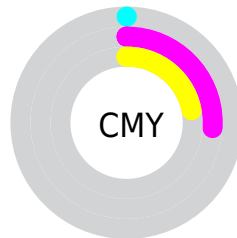


Cyan (0%)

Magenta (26%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.8740, -5.3609, 39.5755 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 209.8740, -5.3609, 39.5755 by changing the saturation by 10% instead.

 209.8740, -5.3609,
39.5755


 209.8740, -5.3609,
39.5755


255.0000, 0.0000,
0.0000


 182.2760, -5.0661,
38.3459


 249.7170, 2.6045,
4.6332

 154.6780, -4.7713,
37.1164

 128.7810, -4.3290,
35.2721

 103.1830, -4.0342,
34.0425

 78.2860, -3.5920,
32.1982

 54.8020, -2.8604,
30.8686

 31.4320, -1.6920,

29.4391

■ 12.9710, -5.9017,
26.3354

■ 0.0000, 0.0000,
0.0000

■ 209.8740, -5.3609,
39.5755

■ 209.8740, -5.3609,
39.5755

■ 192.6910, -7.7357,
54.6450

■ 227.6440, -3.2755,
23.9912

■ 175.0350, -9.3843,
70.1293

■ 244.7130, -1.3375,
9.0217

■ 157.8520,
-11.7590, 85.1988

255.0000, 0.0000,
0.0000

■ 140.0820,
-13.8444, 100.7831

■ 123.0130,
-15.7824, 115.7526

■ 105.2430,
-17.8678, 131.3369

■ 88.1740, -19.8058,
146.3064

■ 80.6910, -20.5537,
152.8690

Harmonies

Analogous

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



210.4950, 6.1650, 29.3839



209.8740, -5.3609, 39.5755



208.5290, -15.5438, 39.0011

Triad

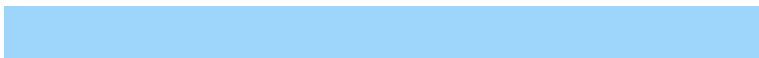
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



209.8740, -5.3609, 39.5755



201.3950, -15.9707, -10.8704



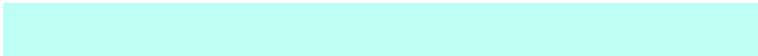
200.7730, 24.2689, -37.5119

Complementary

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



209.8740, -5.3609, 39.5755



234.1260, 5.3609, -39.5755

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.



196.7300, 19.3601, -49.7522



209.8740, -5.3609, 39.5755



198.2490, -4.5598, -30.9134

Square

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



209.8740, -5.3609, 39.5755



204.2190, -22.2930, 10.3319



196.1790, 8.2928, -46.6380



205.9760, 23.1828, -15.7650

Rectangle

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



209.8740, -5.3609, 39.5755



207.8180, -20.6163, 32.6086



196.1790, 8.2928, -46.6380



199.2130, 23.5590, -43.1598

Sweetspot

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



209.8740, -5.3609, 39.5755



241.3220, -1.6377, 11.9956



212.9690, 20.7213, 27.2142



119.1150, -1.0427, 7.7921



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.



209.8740, -5.3609, 39.5755



200.9890, -6.4036, 47.3676



221.6480, -16.0955, 29.2497



119.1150, -1.0427, 7.7921



60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459

Inverse Universe

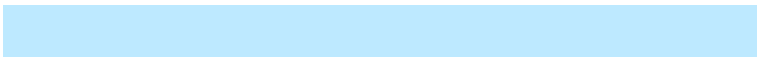
The Inverse Universe completely reimagines the original color for something new.



209.8740, -5.3609, 39.5755



200.9890, -6.4036, 47.3676



222.3520, 16.0955, -29.2497



119.1150, -1.0427, 7.7921



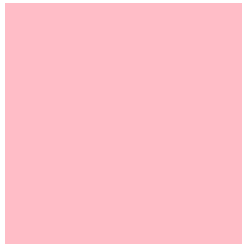
60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 209.8740, -5.3609, 39.5755 looks on a white background.

Color Contrast Check

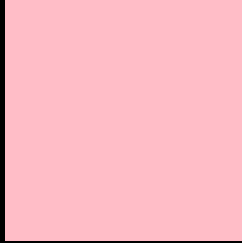
Large Text (above 18pt) WCAG AA × Fail

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 209.8740, -5.3609, 39.5755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

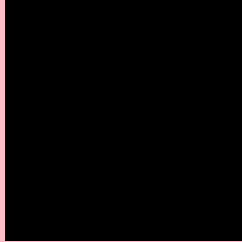
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.8740, -5.3609, 39.5755

Background



This preview shows how black text looks on a background with the YUV color 209.8740, -5.3609, 39.5755.



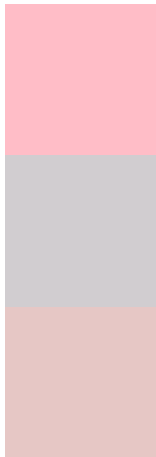
This preview shows how white text looks on a background with the YUV color 209.8740, -5.3609,

39.5755.

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

209.8740, -5.3609, 39.5755

Protanopia

206.5380, 0.7208, 2.1592

Deuteranopia

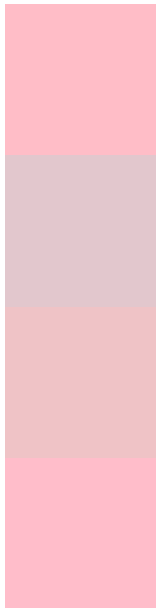
208.0410, -5.4432, 19.2580



Tritanopia

210.3300, -3.6137, 39.1756

Trichromacy



Original Color

209.8740, -5.3609, 39.5755

Protanomaly

207.7570, -1.3592, 15.9991

Deuteranomaly

208.4980, -5.1755, 26.7503

Tritanomaly

210.2160, -4.0505, 39.2756

Monochromacy



Original Color

209.8740, -5.3609, 39.5755

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.6320, -1.7906, 14.3547

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.8740, -5.3609, 39.5755 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, 189, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 199) }
```

Border

The CSS property to change the border of an element to YUV 209.8740, -5.3609, 39.5755 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, 189, 199) }
```


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

```
.border{ border-color:rgb(255, 189, 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, 189, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 209.8740, -5.3609, 39.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 199) }
```

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

```
.background{ background-color: rgb(255,  
189, 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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