

Converting Colors

YUV(209.4010, -4.6347,
39.9903)

Have a look what the booklet for
YUV(209.4010, -4.6347, 39.9903)
contains.

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Color

**YUV(209.4010, -4.6347,
39.9903)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCC8
RGB	255, 188, 200
RGB Percent	100%, 74%, 78%
CMY	0.0000, 0.2627, 0.2157
CMYK	0.00, 0.26, 0.22, 0.00
HSL	349°, 100%, 87%
HSV	349°, 26%, 100%
XYZ	69.6485, 61.3966, 62.8234
YIQ	209.4010, 36.0800, 17.9360

Conversions

Conversions Part 2

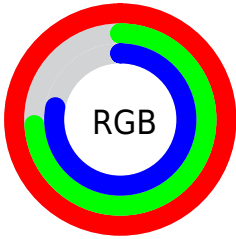
Format	Color
R _Y B	255, 188, 200
Decimal	16760008
CIE Lab	82.59, 25.81, 3.48
CIE LCh	83, 26.047, 7.687
Yxy	61.3966, 0.3593, 0.3167
Android (android.graphics.Color)	4294950088 (0xFFFFBCC8)
YUV	209.4010, -4.6347, 39.9903
Hunter-Lab	78.3560, 21.5410, 7.3123

Details

The YUV color $209.4010, -4.6347, 39.9903$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $233.5990, 4.6347, -39.9903$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1300, 2.8939, 5.1480$, and $154.2050, -4.0451, 37.5312$ is the 20% darker color. If you saturate the color by 10%, you get $192.3320, -6.5727, 54.9598$, and if you desaturate by 10%, it is $227.0570, -2.9861, 24.5060$.

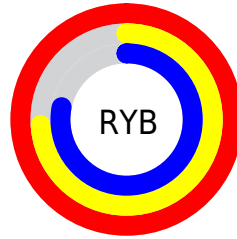
Distribution



Red (100%)

Green (74%)

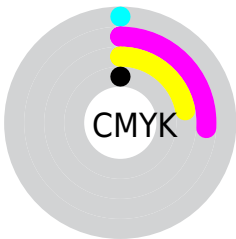
Blue (78%)



Red (100%)

Yellow (74%)

Blue (78%)

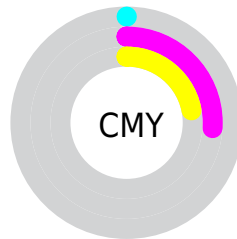


Cyan (0%)

Magenta (26%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.4010, -4.6347, 39.9903 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 209.4010, -4.6347, 39.9903 by changing the saturation by 10% instead.


 209.4010, -4.6347,
39.9903


 209.4010, -4.6347,
39.9903


255.0000, 0.0000,
0.0000


 181.8030, -4.3399,
38.7608


 249.1300, 2.8939,
5.1480

 154.2050, -4.0451,
37.5312

 128.1940, -4.0396,
35.7869

 102.7100, -3.3080,
34.4573

 77.8130, -2.8658,
32.6130

 54.3290, -2.1342,
31.2835

 30.6600, -0.8184,

29.2392

■ 13.0850, -5.4649,
26.2355

■ 0.0000, 0.0000,
0.0000

■ 209.4010, -4.6347,
39.9903

■ 209.4010, -4.6347,
39.9903

■ 192.3320, -6.5727,
54.9598

■ 227.0570, -2.9861,
24.5060

■ 174.6760, -8.2213,
70.4441

■ 244.1260, -1.0481,
9.5365

■ 157.6070,
-10.1593, 85.4137

255.0000, 0.0000,
0.0000

■ 139.9510,
-11.8078, 100.8980

■ 122.8820,
-13.7458, 115.8675

■ 105.2260,
-15.3944, 131.3518

■ 88.1570, -17.3324,
146.3213

■ 81.4890, -17.4961,
152.1691

Harmonies

Analogous

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



209.8370, 7.4754, 29.0840



209.4010, -4.6347, 39.9903



208.2410, -15.4018, 40.1306

Triad

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



209.4010, -4.6347, 39.9903



200.7650, -17.1391, -9.4409



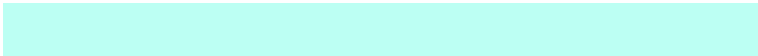
199.5770, 24.8585, -39.9710

Complementary

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



209.4010, -4.6347, 39.9903



233.5990, 4.6347, -39.9903

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.



195.7190, 19.3655, -51.4966



209.4010, -4.6347, 39.9903



197.9070, -5.8702, -30.6134

Square

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



209.4010, -4.6347, 39.9903



204.0020, -23.1720, 12.2762



195.6520, 7.5666, -47.0528



205.1930, 24.0619, -17.7093

Rectangle

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



209.4010, -4.6347, 39.9903



206.8290, -20.6217, 34.3530



195.6520, 7.5666, -47.0528



197.9030, 23.7118, -45.5189

Sweetspot

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



209.4010, -4.6347, 39.9903



241.3220, -1.6377, 11.9956



212.0830, 21.1581, 27.1142



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.



209.4010, -4.6347, 39.9903



199.2280, -5.5354, 48.9120



220.3600, -15.9535, 30.3793



119.1150, -1.0427, 7.7921



60.9850, -13.3036, 114.0232



20.3900, -4.6293, 38.2460

Inverse Universe

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



209.4010, -4.6347, 39.9903



199.2280, -5.5354, 48.9120



222.6400, 15.9535, -30.3793



119.1150, -1.0427, 7.7921



60.9850, -13.3036, 114.0232



20.3900, -4.6293, 38.2460

Previews

White Background



This preview shows how the YUV color 209.4010, -4.6347, 39.9903 looks on a white background.

Color Contrast Check

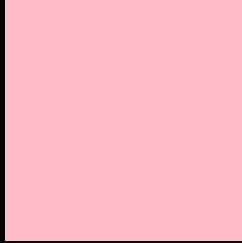
Large Text (above 18pt) WCAG AA × Fail

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 209.4010, -4.6347, 39.9903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

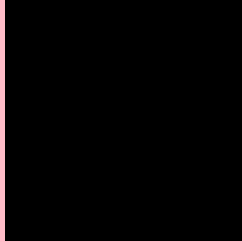
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.4010, -4.6347, 39.9903

Background



This preview shows how black text looks on a background with the YUV color 209.4010, -4.6347, 39.9903.



This preview shows how white text looks on a background with the YUV color 209.4010, -4.6347,

39.9903.

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

209.4010, -4.6347, 39.9903

Protanopia

206.4670, 1.7418, 1.3444

Deuteranopia

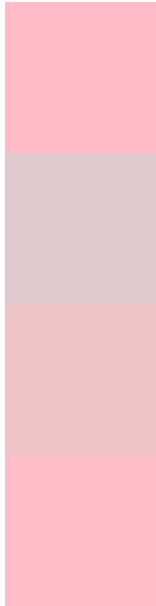
207.8560, -4.8590, 18.5433



Tritanopia

209.6290, -3.7611, 39.7904

Trichromacy



Original Color

209.4010, -4.6347, 39.9903

Protanomaly

207.5720, -0.7750, 15.2844

Deuteranomaly

208.3130, -4.5913, 26.0355

Tritanomaly

209.5150, -4.1979, 39.8903

Monochromacy



Original Color

209.4010, -4.6347, 39.9903

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0450, -1.5012, 14.8695

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.4010, -4.6347, 39.9903 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, 188, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 200)  
}
```

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, 188, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 200) }
```

Border

The CSS property to change the border of an element to YUV 209.4010, -4.6347, 39.9903 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, 188, 200) }
```


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

```
.border{ border-color:rgb(255, 188, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 209.4010, -4.6347, 39.9903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 200) }
```

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

```
.background{ background-color: rgb(255,  
188, 200) }
```

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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