

Converting Colors

YUV(210.5070, 4.6800, 39.0204)

Have a look what the booklet for
YUV(210.5070, 4.6800, 39.0204)
contains.

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Color

**YUV(210.5070, 4.6800,
39.0204)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBADC
RGB	255, 186, 220
RGB Percent	100%, 73%, 86%
CMY	0.0000, 0.2706, 0.1373
CMYK	0.00, 0.27, 0.14, 0.00
HSL	330°, 100%, 86%
HSV	330°, 27%, 100%
XYZ	71.7172, 61.5451, 75.8096
YIQ	210.5070, 30.2100, 25.2020

Conversions

Conversions Part 2

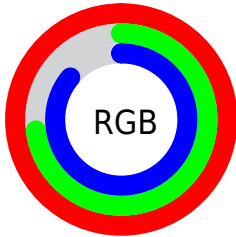
Format	Color
R _Y B	255, 186, 220
Decimal	16759516
CIE Lab	82.67, 29.89, -7.14
CIE LCh	83, 30.731, 346.564
Yxy	61.5451, 0.3430, 0.2944
Android (android.graphics.Color)	4294949596 (0xFFFFBADDC)
YUV	210.5070, 4.6800, 39.0204
Hunter-Lab	78.4507, 25.8904, -2.3785

Details

The YUV color $210.5070, 4.6800, 39.0204$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $230.4930, -4.6800, -39.0204$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.9560, 3.4727, 6.1776$, and $155.1970, 4.8329, 36.6612$ is the 20% darker color. If you saturate the color by 10%, you get $194.3500, 6.2365, 53.1901$, and if you desaturate by 10%, it is $226.6640, 3.1236, 24.8507$.

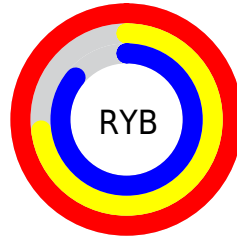
Distribution



Red (100%)

Green (73%)

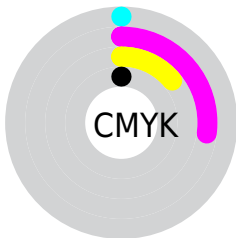
Blue (86%)



Red (100%)

Yellow (73%)

Blue (86%)

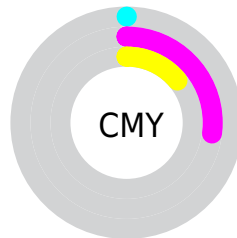


Cyan (0%)

Magenta (27%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.5070, 4.6800, 39.0204 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 210.5070, 4.6800, 39.0204 by changing the saturation by 10% instead.


 210.5070, 4.6800,
39.0204


 210.5070, 4.6800,
39.0204


255.0000, 0.0000,
0.0000

 182.7950, 4.5381,
37.8908


 247.9560, 3.4727,
6.1776

 155.1970, 4.8329,
36.6612

 128.8980, 4.9803,
36.0465

 102.8870, 4.9857,
34.3021

 78.2890, 5.2805,
33.0725

 54.2780, 5.2859,
31.3282

 29.6200, 6.5963,

31.0283

■ 15.4790, 3.7079,
24.1359

■ 0.0000, 0.0000,
0.0000

■ 210.5070, 4.6800,
39.0204

■ 210.5070, 4.6800,
39.0204

■ 194.3500, 6.2365,
53.1901

■ 226.6640, 3.1236,
24.8507

■ 177.6060, 8.0822,
67.8745

■ 243.4080, 1.2779,
10.1662

■ 160.8620, 9.9280,
82.5590

■ 255.0000, 0.0000,
0.0000

■ 144.7050, 11.4844,
96.7287

■ 127.9610, 13.3302,
111.4132

■ 111.8040, 14.8866,
125.5829

■ 95.6470, 16.4430,
139.7526

■ 90.6090, 17.4478,
144.1709

Harmonies

Analogous

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



210.1050, 17.6962, 17.4479



210.5070, 4.6800, 39.0204



206.6140, -7.6977, 42.4345

Triad

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



210.5070, 4.6800, 39.0204



202.5730, -25.9185, 6.5135



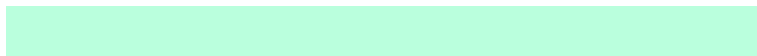
193.4880, 26.3814, -61.8180

Complementary

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



210.5070, 4.6800, 39.0204



230.4930, -4.6800, -39.0204

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.



191.9860, 14.3039, -61.3777



210.5070, 4.6800, 39.0204



199.1120, -16.8172, -19.3922

Square

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



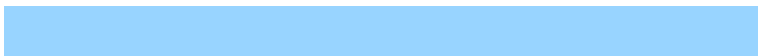
210.5070, 4.6800, 39.0204



205.3740, -27.2994, 29.4900



194.8560, -1.9010, -43.7237



198.9620, 27.6267, -41.1857

Rectangle

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



210.5070, 4.6800, 39.0204



206.3230, -16.4282, 42.6897



194.8560, -1.9010, -43.7237



191.9670, 23.1873, -63.9921

Sweetspot

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



210.5070, 4.6800, 39.0204



242.1200, 1.4198, 11.2958



204.3310, 24.9798, 14.6187



119.5710, 0.7045, 7.3922



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.



210.5070, 4.6800, 39.0204



202.1920, 5.8213, 46.3126



206.6310, -10.1711, 42.4196



119.5710, 0.7045, 7.3922



67.8250, 12.9043, 108.0245



22.6700, 4.1067, 36.2464

Inverse Universe

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



210.5070, 4.6800, 39.0204



202.1920, 5.8213, 46.3126



234.3690, 10.1711, -42.4196



119.5710, 0.7045, 7.3922



67.8250, 12.9043, 108.0245



22.6700, 4.1067, 36.2464

Previews

White Background



This preview shows how the YUV color 210.5070, 4.6800, 39.0204 looks on a white background.

Color Contrast Check

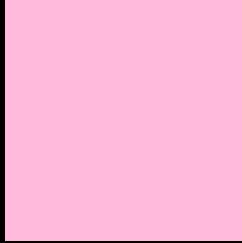
Large Text (above 18pt) WCAG AA × Fail

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 210.5070, 4.6800, 39.0204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

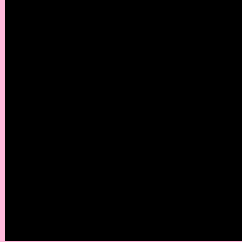
Any Text WCAG AA ✓ Pass

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 210.5070, 4.6800, 39.0204 Background



This preview shows how black text looks on a background with the YUV color 210.5070, 4.6800, 39.0204.



This preview shows how white text looks on a background with the YUV color 210.5070, 4.6800,

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

210.5070, 4.6800, 39.0204

Protanopia

207.1810, 12.2358, -4.5437

Deuteranopia

208.2170, 4.3300, 11.2107



Tritanopia

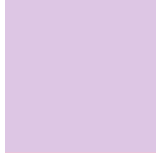
209.7320, -3.3189, 37.9460

Trichromacy



Original Color

210.5070, 4.6800, 39.0204



Protanomaly

208.2970, 9.7136, 11.1405



Deuteranomaly

208.9840, 4.4449, 21.0620



Tritanomaly

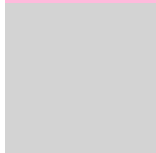
210.1280, -0.5561, 38.4757

Monochromacy



Original Color

210.5070, 4.6800, 39.0204



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.8430, 1.5564, 14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.5070, 4.6800, 39.0204 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, 186, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 220)  
}
```

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, 186, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 220) }
```

Border

The CSS property to change the border of an element to YUV 210.5070, 4.6800, 39.0204 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, 186, 220) }
```


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

```
.border{ border-color:rgb(255, 186, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 210.5070, 4.6800, 39.0204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 220) }
```

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

```
.background{ background-color: rgb(255,  
186, 220) }
```

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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