

Converting Colors

YUV(209.8520, 14.8630,
39.5948)

Have a look what the booklet for
YUV(209.8520, 14.8630, 39.5948)
contains.

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Color

**YUV(209.8520, 14.8630,
39.5948)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5F0
RGB	255, 181, 240
RGB Percent	100%, 71%, 94%
CMY	0.0000, 0.2902, 0.0588
CMYK	0.00, 0.29, 0.06, 0.00
HSL	312°, 100%, 85%
HSV	312°, 29%, 100%
XYZ	73.4921, 60.5990, 90.2614
YIQ	209.8520, 25.1650, 34.0370

Conversions

Conversions Part 2

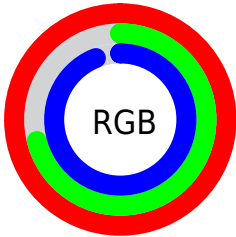
Format	Color
RYB	255, 181, 240
Decimal	16758256
CIELab	82.16, 35.81, -18.63
CIELCh	82, 40.363, 332.508
Yxy	60.5990, 0.3276, 0.2701
Android (android.graphics.Color)	4294948336 (0xFFFFB5F0)
YUV	209.8520, 14.8630, 39.5948
Hunter-Lab	77.8454, 32.2884, -14.2548

Details

The YUV color **209.8520, 14.8630, 39.5948** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **226.1480, -14.8630, -39.5948**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0210, 4.9196, 8.7516**, and **154.4280, 14.5790, 37.3356** is the 20% darker color. If you saturate the color by 10%, you get **194.6070, 19.9137, 52.9647**, and if you desaturate by 10%, it is **225.6840, 9.5228, 25.7101**.

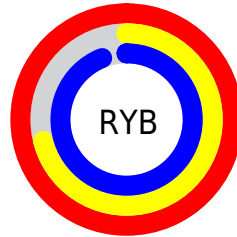
Distribution



Red (100%)

Green (71%)

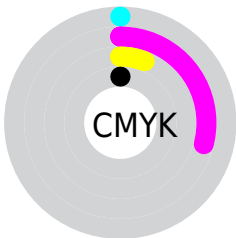
Blue (94%)



Red (100%)

Yellow (71%)

Blue (94%)

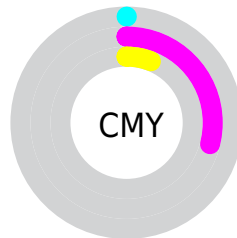


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 209.8520, 14.8630, 39.5948 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 209.8520, 14.8630, 39.5948 by changing the saturation by 10% instead.


 209.8520, 14.8630,
39.5948


 209.8520, 14.8630,
39.5948


255.0000, 0.0000,
0.0000


 182.1400, 14.7210,
38.4652


 245.0210, 4.9196,
8.7516

 154.4280, 14.5790,
37.3356

 127.7160, 14.4370,
36.2061

 102.0040, 14.2950,
35.0765

 77.2920, 14.1530,
33.9469

 51.9930, 14.3005,
33.3321

 26.0470, 15.7528,

34.1618

■ 16.9610, 9.3862,
22.8362

■ 1.3680, 5.2416,
-1.1997

■ 209.8520, 14.8630,
39.5948

■ 209.8520, 14.8630,
39.5948

■ 194.6070, 19.9137,
52.9647

■ 225.6840, 9.5228,
25.7101

■ 178.7750, 25.2539,
66.8493

■ 240.9290, 4.4720,
12.3403

■ 163.4160, 29.8679,
80.3192

255.0000, 0.0000,
0.0000

■ 147.5840, 35.2081,
94.2038

■ 132.3390, 40.2589,
107.5737

■ 116.5070, 45.5990,
121.4584

■ 101.2620, 50.6498,
134.8282

■ 99.3870, 51.0812,
136.4726

Harmonies

Analogous

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



206.0480, 24.1333, 6.0969



209.8520, 14.8630, 39.5948



202.1120, 0.4378, 46.3828

Triad

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



209.8520, 14.8630, 39.5948



201.6260, -36.2976, 22.2530



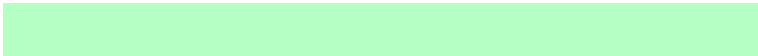
177.5430, 32.7633, -102.2082

Complementary

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



209.8520, 14.8630, 39.5948



226.1480, -14.8630, -39.5948

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.



183.6650, 11.0112, -78.6362



209.8520, 14.8630, 39.5948



197.3770, -28.7799, -9.1006

Square

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



209.8520, 14.8630, 39.5948



203.5070, -32.2950, 45.1594



191.6250, -11.6471, -44.3981



185.4410, 34.2926, -79.3168

Rectangle

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



209.8520, 14.8630, 39.5948



200.3220, -11.4977, 47.9526



191.6250, -11.6471, -44.3981



177.9690, 26.6373, -97.3198

Sweetspot

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



209.8520, 14.8630, 39.5948



240.9290, 4.4720, 12.3403



193.9210, 30.1119, 1.8233



118.8530, 3.0305, 8.0219



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.



209.8520, 14.8630, 39.5948



200.7050, 17.8934, 47.6167



205.6340, -1.2986, 43.2940



120.0270, 2.4517, 6.9923



74.4370, 38.2386, 102.2258



24.9500, 12.8427, 34.2468

Inverse Universe

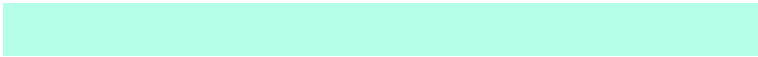
The Inverse Universe completely reimagines the original color for something new.



209.8520, 14.8630, 39.5948



200.7050, 17.8934, 47.6167



230.3660, 1.2986, -43.2940



120.0270, 2.4517, 6.9923



74.4370, 38.2386, 102.2258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 209.8520, 14.8630, 39.5948 looks on a white background.

Color Contrast Check

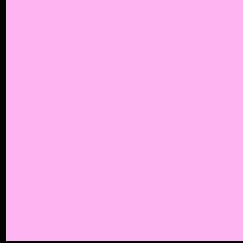
Large Text (above 18pt) WCAG AA × Fail

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 209.8520, 14.8630, 39.5948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

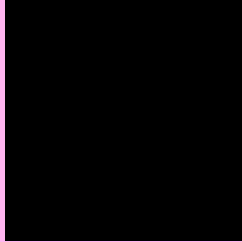
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.8520, 14.8630, 39.5948

Background



This preview shows how black text looks on a background with the YUV color 209.8520, 14.8630, 39.5948.



This preview shows how white text looks on a background with the YUV color 209.8520, 14.8630,

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

209.8520, 14.8630, 39.5948

Protanopia

205.6390, 24.3350, -11.9614

Deuteranopia

206.9090, 14.8349, 1.8338



Tritanopia

208.1340, -3.0241, 36.7165

Trichromacy



Original Color

209.8520, 14.8630, 39.5948



Protanomaly

207.2500, 21.0757, 6.7968



Deuteranomaly

207.9970, 14.7915, 15.7886



Tritanomaly

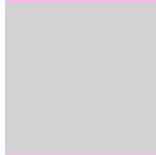
208.5670, 3.6645, 38.0907

Monochromacy



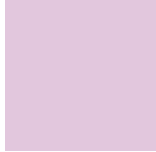
Original Color

209.8520, 14.8630, 39.5948



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.5810, 5.6296, 14.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.8520, 14.8630, 39.5948 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, 181, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 240)  
}
```

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, 181, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 240) }
```

Border

The CSS property to change the border of an element to YUV 209.8520, 14.8630, 39.5948 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, 181, 240) }
```


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

```
.border{ border-color:rgb(255, 181, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 209.8520, 14.8630, 39.5948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 240) }
```

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

```
.background{ background-color: rgb(255,  
181, 240) }
```

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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