

Converting Colors

YUV(214.0750, 13.2740,
35.8912)

Have a look what the booklet for
YUV(214.0750, 13.2740, 35.8912)
contains.

YUV(214.0750, 13.2740, 35.8912)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(214.0750, 13.2740,
35.8912)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCF1
RGB	255, 188, 241
RGB Percent	100%, 74%, 95%
CMY	0.0000, 0.2627, 0.0549
CMYK	0.00, 0.26, 0.05, 0.00
HSL	313°, 100%, 87%
HSV	313°, 26%, 100%
XYZ	75.1004, 63.5773, 91.5325
YIQ	214.0750, 22.9190, 30.6870

Conversions

Conversions Part 2

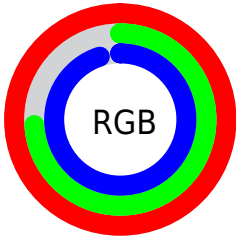
Format	Color
R _Y B	255, 188, 241
Decimal	16760049
CIE Lab	83.75, 32.31, -16.78
CIE LCh	84, 36.406, 332.551
Yxy	63.5773, 0.3262, 0.2762
Android (android.graphics.Color)	4294950129 (0xFFFFBCF1)
YUV	214.0750, 13.2740, 35.8912
Hunter-Lab	79.7354, 28.5870, -12.2474

Details

The YUV color $214.0750, 13.2740, 35.8912$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $228.9250, -13.2740, -35.8912$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1300, 2.8939, 5.1480$, and $158.9500, 12.8426, 34.2468$ is the 20% darker color. If you saturate the color by 10%, you get $198.8300, 18.3248, 49.2611$, and if you desaturate by 10%, it is $229.9070, 7.9338, 22.0066$.

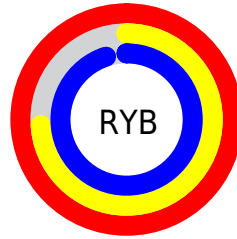
Distribution



Red (100%)

Green (74%)

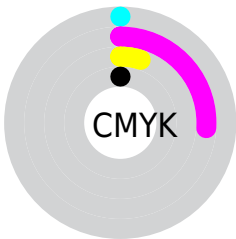
Blue (95%)



Red (100%)

Yellow (74%)

Blue (95%)

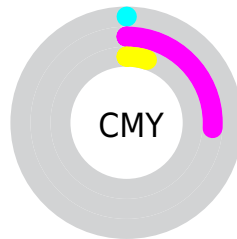


Cyan (0%)

Magenta (26%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 214.0750, 13.2740, 35.8912 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 214.0750, 13.2740, 35.8912 by changing the saturation by 10% instead.


 214.0750, 13.2740,
35.8912


 214.0750, 13.2740,
35.8912


255.0000, 0.0000,
0.0000

 186.3630, 13.1320,
34.7616


 249.1300, 2.8939,
5.1480

 158.9500, 12.8426,
34.2468

 132.2380, 12.7007,
33.1173

 106.5260, 12.5587,
31.9877

 81.4010, 12.1273,
30.3433

 57.1020, 12.2747,
29.7285

 32.3300, 13.1483,

29.5286

■ 17.0750, 9.8230,
22.7362

■ 3.6890, 5.0833,
2.9037

■ 214.0750, 13.2740,
35.8912

■ 214.0750, 13.2740,
35.8912

■ 198.8300, 18.3248,
49.2611

■ 229.9070, 7.9338,
22.0066

■ 182.8840, 23.2282,
63.2457

■ 245.2660, 3.3199,
8.5367

■ 167.6390, 28.2790,
76.6156

255.0000, 0.0000,
0.0000

■ 151.8070, 33.6191,
90.5003

■ 136.4480, 38.2331,
103.9701

■ 120.6160, 43.5733,
117.8548

■ 105.3710, 48.6241,
131.2246

■ 99.2730, 50.6444,
136.5726

Harmonies

Analogous

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



210.7660, 21.8074, 5.4672



214.0750, 13.2740, 35.8912



207.2640, -0.1302, 41.8645

Triad

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



214.0750, 13.2740, 35.8912



206.8260, -32.9452, 20.3236



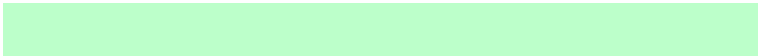
188.8830, 27.1727, -82.3354

Complementary

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



214.0750, 13.2740, 35.8912



228.9250, -13.2740, -35.8912

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.



191.9760, 9.3788, -68.3850



214.0750, 13.2740, 35.8912



202.7730, -26.0171, -8.5709

Square

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



214.0750, 13.2740, 35.8912



208.2830, -29.2265, 40.9708



197.8860, -10.7898, -39.3650



194.0790, 30.0341, -66.7213

Rectangle

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



214.0750, 13.2740, 35.8912



205.2290, -10.4659, 43.6492



197.8860, -10.7898, -39.3650



188.9280, 22.2205, -80.6209

Sweetspot

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



214.0750, 13.2740, 35.8912



242.8040, 4.0406, 10.6959



199.5250, 27.3492, 1.2936



120.0270, 2.4517, 6.9923



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.



214.0750, 13.2740, 35.8912



204.9280, 16.3045, 43.9131



210.3130, -1.1403, 39.1905



120.0270, 2.4517, 6.9923



74.3230, 37.8018, 102.3257



24.8360, 12.4059, 34.3468

Inverse Universe

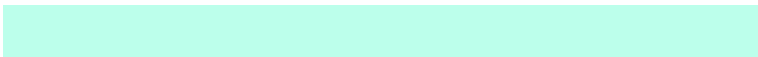
The Inverse Universe completely reimagines the original color for something new.



214.0750, 13.2740, 35.8912



204.9280, 16.3045, 43.9131



232.6870, 1.1403, -39.1905



120.0270, 2.4517, 6.9923



74.3230, 37.8018, 102.3257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 214.0750, 13.2740, 35.8912 looks on a white background.

Color Contrast Check

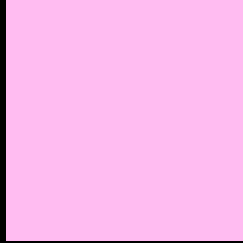
Large Text (above 18pt) WCAG AA × Fail

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 214.0750, 13.2740, 35.8912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

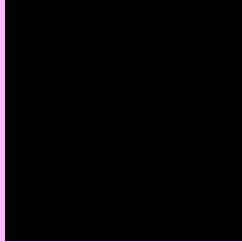
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.0750, 13.2740, 35.8912

Background



This preview shows how black text looks on a background with the YUV color 214.0750, 13.2740, 35.8912.



This preview shows how white text looks on a background with the YUV color 214.0750, 13.2740,

35.8912.

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

214.0750, 13.2740, 35.8912

Protanopia

209.9660, 21.7088, -9.6172

Deuteranopia

211.4640, 13.0822, 3.9781



Tritanopia

212.7530, -1.8502, 33.5426

Trichromacy



Original Color

214.0750, 13.2740, 35.8912



Protanomaly

211.2670, 18.6024, 6.7818



Deuteranomaly

212.2420, 13.1917, 15.5738



Tritanomaly

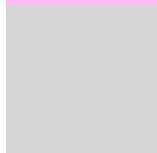
213.2460, 3.8227, 33.9873

Monochromacy



Original Color

214.0750, 13.2740, 35.8912



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.3420, 4.7614, 12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.0750, 13.2740, 35.8912 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 241) }
```

Border

The CSS property to change the border of an element to YUV 214.0750, 13.2740, 35.8912 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, 241) }
```


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

```
.border{ border-color:rgb(255, 188, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 214.0750, 13.2740, 35.8912 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, 241) }
```

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

```
.background{ background-color: rgb(255,  
188, 241) }
```

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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