

Converting Colors

YUV(214.3880, 1.7807, 35.6167)

Have a look what the booklet for
YUV(214.3880, 1.7807, 35.6167)
contains.

YUV(214.3880, 1.7807, 35.6167)	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(214.3880, 1.7807,
35.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1DA
RGB	255, 193, 218
RGB Percent	100%, 76%, 85%
CMY	0.0000, 0.2431, 0.1451
CMYK	0.00, 0.24, 0.15, 0.00
HSL	336°, 100%, 88%
HSV	336°, 24%, 100%
XYZ	72.9649, 64.4619, 74.9264
YIQ	214.3880, 28.9270, 20.9190

Conversions

Conversions Part 2

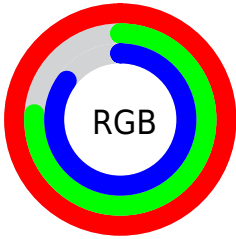
Format	Color
R _Y B	255, 193, 218
Decimal	16761306
CIE Lab	84.21, 25.90, -3.80
CIE LCh	84, 26.177, 351.645
Yxy	64.4619, 0.3436, 0.3036
Android (android.graphics.Color)	4294951386 (0xFFFFC1DA)
YUV	214.3880, 1.7807, 35.6167
Hunter-Lab	80.2882, 21.7142, 0.8712

Details

The YUV color $214.3880, 1.7807, 35.6167$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $233.6120, -1.7807, -35.6167$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0650, 1.4470, 2.5740$, and $159.3770, 1.7861, 33.8724$ is the 20% darker color. If you saturate the color by 10%, you get $198.0030, 2.4635, 49.9864$, and if you desaturate by 10%, it is $231.3600, 0.8085, 20.7323$.

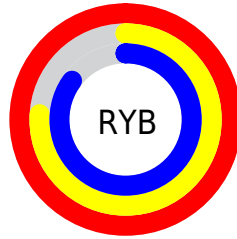
Distribution



Red (100%)

Green (76%)

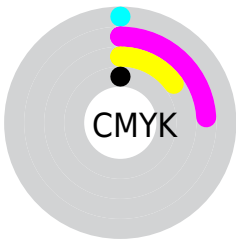
Blue (85%)



Red (100%)

Yellow (76%)

Blue (85%)

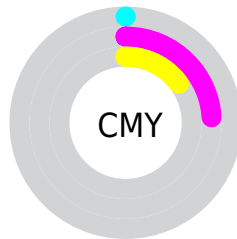


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 214.3880, 1.7807, 35.6167 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 214.3880, 1.7807, 35.6167 by changing the saturation by 10% instead.

 214.3880, 1.7807,
35.6167

 214.3880, 1.7807,
35.6167


255.0000, 0.0000,
0.0000


 186.6760, 1.6387,
34.4871

 252.0650, 1.4470,
2.5740

 159.3770, 1.7861,
33.8724

 132.7790, 2.0810,
32.6428

 107.1810, 2.3758,
31.4133

 82.1700, 2.3812,
29.6689

 58.5720, 2.6760,
28.4394

 35.0880, 3.4076,

27.1098

■ 15.3650, 3.2711,
24.2359

■ 0.5980, -0.2948,
1.2296

■ 214.3880, 1.7807,
35.6167

■ 214.3880, 1.7807,
35.6167

■ 198.0030, 2.4635,
49.9864

■ 231.3600, 0.8085,
20.7323

■ 181.0310, 3.4357,
64.8708

■ 247.7450, 0.1257,
6.3626

■ 164.5320, 3.6817,
79.3404

■ 255.0000, 0.0000,
0.0000

■ 147.5600, 4.6539,
94.2249

■ 131.1750, 5.3367,
108.5945

■ 114.2030, 6.3089,
123.4790

■ 97.7040, 6.5549,
137.9486

■ 87.9870, 7.4014,
146.4704

Harmonies

Analogous

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



213.9650, 13.3283, 18.4477



214.3880, 1.7807, 35.6167



211.5380, -9.1392, 38.1162

Triad

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



214.3880, 1.7807, 35.6167



207.1040, -21.2503, 2.5398



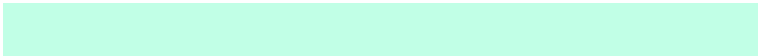
201.6530, 22.8491, -48.8077

Complementary

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



214.3880, 1.7807, 35.6167



233.6120, -1.7807, -35.6167

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.



199.5250, 13.5452, -51.3264



214.3880, 1.7807, 35.6167



203.6650, -12.1598, -19.8772

Square

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



214.3880, 1.7807, 35.6167



209.6550, -23.4939, 22.2276



201.1600, 0.4141, -39.6053



206.1160, 24.0998, -29.9197

Rectangle

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



214.3880, 1.7807, 35.6167



211.5890, -16.5594, 38.0714



201.1600, 0.4141, -39.6053



200.3600, 20.5285, -51.1817

Sweetspot

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



214.3880, 1.7807, 35.6167



243.1800, 0.4043, 10.3661



210.8320, 21.7748, 15.9333



120.7450, 0.1257, 6.3626



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.



214.3880, 1.7807, 35.6167



206.5460, 2.1958, 42.4942



214.4730, -10.5862, 35.5422



119.4570, 0.2677, 7.4922



65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463

Inverse Universe

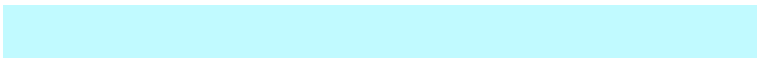
The Inverse Universe completely reimagines the original color for something new.



214.3880, 1.7807, 35.6167



206.5460, 2.1958, 42.4942



233.5270, 10.5862, -35.5422



119.4570, 0.2677, 7.4922



65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 214.3880, 1.7807, 35.6167 looks on a white background.

Color Contrast Check

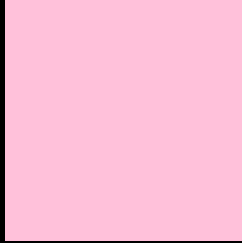
Large Text (above 18pt) WCAG AA × Fail

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 214.3880, 1.7807, 35.6167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

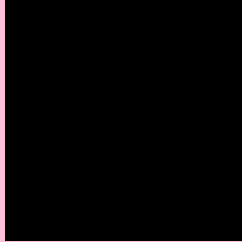
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.3880, 1.7807, 35.6167

Background



This preview shows how black text looks on a background with the YUV color 214.3880, 1.7807, 35.6167.



This preview shows how white text looks on a background with the YUV color 214.3880, 1.7807,

35.6167.

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

214.3880, 1.7807, 35.6167

Protanopia

211.1660, 8.2992, -1.8996

Deuteranopia

212.5440, 1.7038, 13.5549



Tritanopia

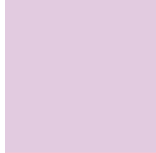
213.6500, -2.2925, 35.3869

Trichromacy



Original Color

214.3880, 1.7807, 35.6167



Protanomaly

212.2710, 5.7824, 12.0403



Deuteranomaly

213.3000, 1.8241, 21.6619



Tritanomaly

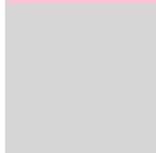
213.9920, -0.9821, 35.0870

Monochromacy



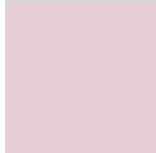
Original Color

214.3880, 1.7807, 35.6167



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

213.9030, 0.5408, 13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.3880, 1.7807, 35.6167 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, 193, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 218)  
}
```

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, 193, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 218) }
```

Border

The CSS property to change the border of an element to YUV 214.3880, 1.7807, 35.6167 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, 193, 218) }
```


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

```
.border{ border-color:rgb(255, 193, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 214.3880, 1.7807, 35.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 218) }
```

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

```
.background{ background-color: rgb(255,  
193, 218) }
```

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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