

Converting Colors

YUV(214.8080, 14.8847,
32.6174)

Have a look what the booklet for
YUV(214.8080, 14.8847, 32.6174)
contains.

YUV(214.8080, 14.8847, 32.6174)	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(214.8080, 14.8847,
32.6174)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBEF5
RGB	252, 190, 245
RGB Percent	99%, 75%, 96%
CMY	0.0118, 0.2549, 0.0392
CMYK	0.00, 0.25, 0.03, 0.01
HSL	307°, 91%, 87%
HSV	307°, 25%, 99%
XYZ	75.0398, 64.1149, 94.8066
YIQ	214.8080, 19.2970, 30.2490

Conversions

Conversions Part 2

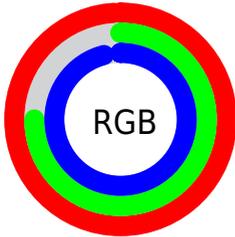
Format	Color
R _Y B	252, 190, 245
Decimal	16563957
CIE Lab	84.03, 30.97, -18.52
CIE LCh	84, 36.091, 329.121
Yxy	64.1149, 0.3207, 0.2740
Android (android.graphics.Color)	4294754037 (0xFFFCBEF5)
YUV	214.8080, 14.8847, 32.6174
Hunter-Lab	80.0718, 27.1567, -14.1503

Details

The YUV color **214.8080, 14.8847, 32.6174** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **227.1920, -14.8847, -32.6174**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.3040, 2.3151, 4.1184**, and **159.6830, 14.4533, 30.9730** is the 20% darker color. If you saturate the color by 10%, you get **199.7910, 20.8090, 45.7873**, and if you desaturate by 10%, it is **229.8250, 8.9603, 19.4475**.

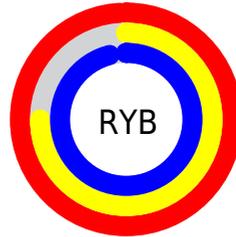
Distribution



Red (99%)

Green (75%)

Blue (96%)



Red (99%)

Yellow (75%)

Blue (96%)

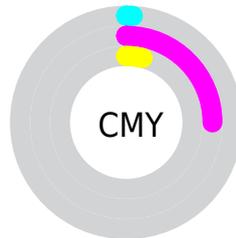


Cyan (0%)

Magenta (25%)

Yellow (3%)

Black (1%)



Cyan (1%)

Magenta (25%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.8080, 14.8847, 32.6174 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 214.8080, 14.8847, 32.6174 by changing the saturation by 10% instead.

 214.8080, 14.8847,
32.6174

 214.8080, 14.8847,
32.6174

255.0000, 0.0000,
0.0000

 186.9820, 14.3059,
31.5878

 250.3040, 2.3151,
4.1184

 159.6830, 14.4533,
30.9730

 132.9710, 14.3113,
29.8434

 107.1450, 13.7325,
28.8138

 82.4330, 13.5905,
27.6843

 58.0200, 13.3011,
27.1695

 33.8350, 13.8853,

26.4547

■ 17.1180, 11.2808,
21.8215

■ 3.2480, 7.2727,
0.6595

■ 214.8080, 14.8847,
32.6174

■ 214.8080, 14.8847,
32.6174

■ 199.7910, 20.8090,
45.7873

■ 229.8250, 8.9603,
19.4475

■ 184.7740, 26.7334,
58.9572

■ 244.8420, 3.0359,
6.2776

■ 169.1700, 32.9472,
72.6419

■ 253.9890, 0.0054,
-1.7444

■ 154.2670, 39.3084,
85.7118

■ 254.1030, 0.4422,
-1.8443

■ 139.2500, 45.2328,
98.8817

■ 124.2330, 51.1571,
112.0517

■ 109.2160, 57.0815,
125.2216

■ 100.8840, 60.6962,
132.5287

Harmonies

Analogous

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



210.7440, 21.8182, 1.9785



214.8080, 14.8847, 32.6174



208.4210, 1.7644, 40.8498

Triad

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



214.8080, 14.8847, 32.6174



207.5490, -32.8087, 23.1975



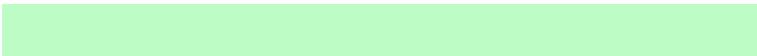
190.0250, 25.1307, -80.7059

Complementary

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



214.8080, 14.8847, 32.6174



227.1920, -14.8847, -32.6174

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.



193.3140, 6.7472, -64.2964



214.8080, 14.8847, 32.6174



203.5670, -26.9015, -4.8823

Square

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



214.8080, 14.8847, 32.6174



208.0380, -27.6267, 41.1857



199.4520, -12.5478, -35.4764



194.0680, 30.0395, -68.4656

Rectangle

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



214.8080, 14.8847, 32.6174



206.3860, -8.5713, 42.6345



199.4520, -12.5478, -35.4764



190.6680, 19.8837, -77.7618

Sweetspot

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



214.8080, 14.8847, 32.6174



244.2060, 4.3354, 9.4663



198.8620, 26.1970, -2.5100



121.3150, 2.3097, 5.8627



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.



214.8080, 14.8847, 32.6174



209.3620, 18.0625, 40.0245



211.3880, 1.7807, 35.6167



117.2550, 3.3253, 6.7924



75.5490, 45.0853, 99.4965



24.3950, 14.5953, 32.1026

Inverse Universe

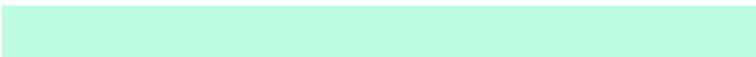
The Inverse Universe completely reimagines the original color for something new.



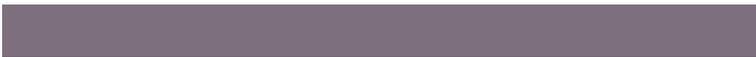
214.8080, 14.8847, 32.6174



209.3620, 18.0625, 40.0245



230.6120, -1.7807, -35.6167



117.2550, 3.3253, 6.7924



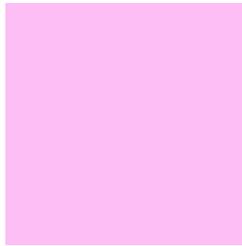
75.5490, 45.0853, 99.4965



24.3950, 14.5953, 32.1026

Previews

White Background



This preview shows how the YUV color 214.8080, 14.8847, 32.6174 looks on a white background.

Color Contrast Check

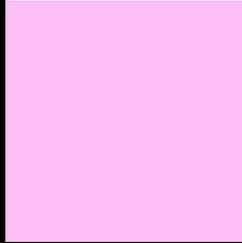
Large Text (above 18pt) WCAG AA × Fail

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 214.8080, 14.8847, 32.6174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

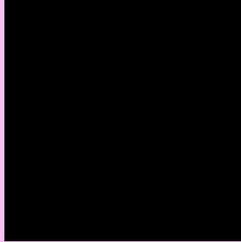
Any Text WCAG AA ✓ Pass

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 214.8080, 14.8847, 32.6174 Background



This preview shows how black text looks on a background with the YUV color 214.8080, 14.8847, 32.6174.



This preview shows how white text looks on a background with the YUV color 214.8080, 14.8847,

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

214.8080, 14.8847, 32.6174

Protanopia

210.6670, 21.8562, -10.2320

Deuteranopia

212.2080, 14.6875, 2.4486



Tritanopia

212.9590, -0.9658, 29.8540

Trichromacy



Original Color

214.8080, 14.8847, 32.6174



Protanomaly

211.7830, 19.3340, 5.4523



Deuteranomaly

213.2740, 14.6549, 12.9147



Tritanomaly

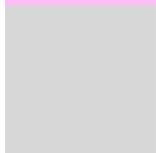
213.7510, 4.5598, 30.9134

Monochromacy



Original Color

214.8080, 14.8847, 32.6174



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.8580, 5.4930, 11.5255

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.8080, 14.8847, 32.6174 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(252, 190, 245)` looks like.

```
.text, #text, p{  
    color:rgb(252, 190, 245)  
}
```

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(252, 190, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 190, 245) }
```

Border

The CSS property to change the border of an element to YUV 214.8080, 14.8847, 32.6174 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(252, 190, 245) }
```

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

```
.border{ border-color:rgb(252, 190, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 190, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 190, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 190, 245);  
box-shadow:4px 4px 4px 4px rgb(252, 190,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 214.8080, 14.8847, 32.6174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 190, 245) }
```

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

```
.background{ background-color: rgb(252,  
190, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor