

Converting Colors

YUV(212.4930, -4.1870,
36.4016)

Have a look what the booklet for
YUV(212.4930, -4.1870, 36.4016)
contains.

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Color

**YUV(212.4930, -4.1870,
36.4016)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC1CC
RGB	254, 193, 204
RGB Percent	100%, 76%, 80%
CMY	0.0039, 0.2431, 0.2000
CMYK	0.00, 0.24, 0.20, 0.00
HSL	349°, 97%, 88%
HSV	349°, 24%, 100%
XYZ	70.8421, 63.5704, 65.6633
YIQ	212.4930, 32.8250, 16.3530

Conversions

Conversions Part 2

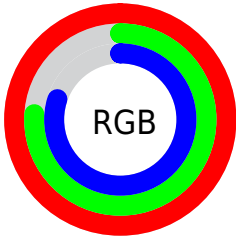
Format	Color
RYB	254, 193, 204
Decimal	16695756
CIELab	83.74, 23.42, 3.00
CIELCh	84, 23.607, 7.289
Yxy	63.5704, 0.3541, 0.3177
Android (android.graphics.Color)	4294885836 (0xFFFECC)
YUV	212.4930, -4.1870, 36.4016
Hunter-Lab	79.7310, 19.0703, 6.9829

Details

The YUV color $212.4930, -4.1870, 36.4016$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $234.5070, 4.1870, -36.4016$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0650, 1.4470, 2.5740$, and $157.2970, -3.5974, 33.9425$ is the 20% darker color. If you saturate the color by 10%, you get $195.4240, -6.1250, 51.3712$, and if you desaturate by 10%, it is $229.5620, -2.2491, 21.4321$.

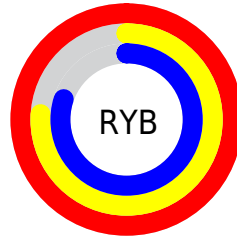
Distribution



Red (100%)

Green (76%)

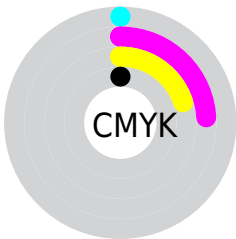
Blue (80%)



Red (100%)

Yellow (76%)

Blue (80%)

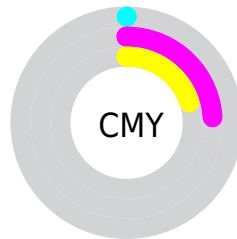


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.4930, -4.1870, 36.4016 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 212.4930, -4.1870, 36.4016 by changing the saturation by 10% instead.

 212.4930, -4.1870,
36.4016

 212.4930, -4.1870,
36.4016


255.0000, 0.0000,
0.0000


 184.8950, -3.8922,
35.1721


 252.0650, 1.4470,
2.5740

 157.2970, -3.5974,
33.9425

 130.9980, -3.4500,
33.3278

 105.1010, -3.0078,
31.4834

 80.5030, -2.7130,
30.2539

 56.7200, -1.8340,
28.3096

 34.2360, -1.1023,

26.9800

■ 13.6550, -3.2809,
25.7356

■ 0.0000, 0.0000,
0.0000

■ 212.4930, -4.1870,
36.4016

■ 212.4930, -4.1870,
36.4016

■ 195.4240, -6.1250,
51.3712

■ 229.5620, -2.2491,
21.4321

■ 177.7680, -7.7736,
66.8555

■ 247.2180, -0.6005,
5.9478

■ 160.8130, -9.2748,
81.7250

254.7010, 0.1474,
-0.6148

■ 143.1570,
-10.9234, 97.2093

■ 126.0880,
-12.8614, 112.1788

■ 109.0190,
-14.7994, 127.1483

■ 91.3630, -16.4480,
142.6326

■ 81.1900, -17.3487,
151.5544

Harmonies

Analogous

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



212.5870, 6.6126, 25.7952



212.4930, -4.1870, 36.4016



211.5610, -14.0806, 36.3420

Triad

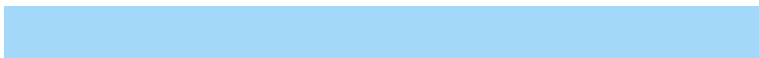
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212.4930, -4.1870, 36.4016



204.8190, -15.6868, -8.6113



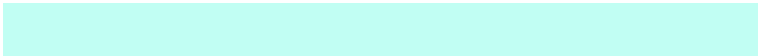
203.9150, 22.2269, -35.8825

Complementary

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



212.4930, -4.1870, 36.4016



234.5070, 4.1870, -36.4016

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.



200.1820, 17.1653, -45.7636



212.4930, -4.1870, 36.4016



202.0430, -5.4442, -27.2247

Square

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



212.4930, -4.1870, 36.4016



207.2730, -20.8406, 11.1616



200.1580, 6.8241, -42.2346



208.2210, 21.5830, -15.9798

Rectangle

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



212.4930, -4.1870, 36.4016



209.9750, -18.7217, 31.5939



200.1580, 6.8241, -42.2346



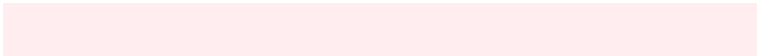
202.5400, 20.9328, -40.8156

Sweetspot

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



212.4930, -4.1870, 36.4016



242.7240, -1.3429, 10.7661



214.9040, 19.2743, 24.6402



120.5170, -0.7479, 6.5626



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.



212.4930, -4.1870, 36.4016



204.6080, -5.2297, 44.1938



222.3920, -14.4903, 27.7202



119.1150, -1.0427, 7.7921



60.9850, -13.3036, 114.0232



20.3900, -4.6293, 38.2460

Inverse Universe

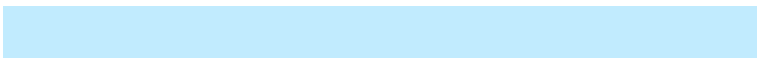
The Inverse Universe completely reimagines the original color for something new.



212.4930, -4.1870, 36.4016



204.6080, -5.2297, 44.1938



224.6080, 14.4903, -27.7202



119.1150, -1.0427, 7.7921



60.9850, -13.3036, 114.0232



20.3900, -4.6293, 38.2460

Previews

White Background



This preview shows how the YUV color 212.4930, -4.1870, 36.4016 looks on a white background.

Color Contrast Check

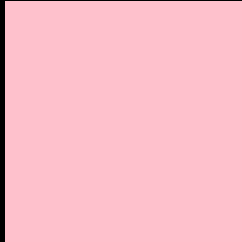
Large Text (above 18pt) WCAG AA × Fail

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 212.4930, -4.1870, 36.4016 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 212.4930, -4.1870, 36.4016

Background



This preview shows how black text looks on a background with the YUV color 212.4930, -4.1870, 36.4016.

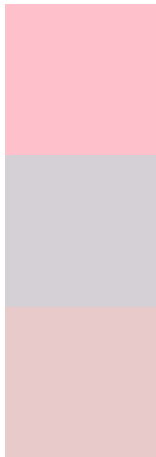


This preview shows how white text looks on a background with the YUV color 212.4930, -4.1870,

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

212.4930, -4.1870, 36.4016

Protanopia

209.7660, 1.5944, 1.9592

Deuteranopia

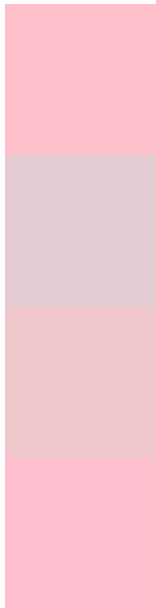
210.9700, -4.4222, 18.4433



Tritanopia

212.2480, -2.5873, 36.6165

Trichromacy



Original Color

212.4930, -4.1870, 36.4016

Protanomaly

210.9740, -0.4802, 14.0548

Deuteranomaly

211.7150, -4.2965, 24.8059

Tritanomaly

212.1340, -3.0241, 36.7165

Monochromacy



Original Color

212.4930, -4.1870, 36.4016

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.0340, -1.4958, 13.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.4930, -4.1870, 36.4016 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(254, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(254, 193, 204)  
}
```

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(254, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 204) }
```

Border

The CSS property to change the border of an element to YUV 212.4930, -4.1870, 36.4016 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(254, 193, 204) }
```


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

```
.border{ border-color:rgb(254, 193, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 193, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 212.4930, -4.1870, 36.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 193, 204) }
```

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

```
.background{ background-color: rgb(254,  
193, 204) }
```

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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