

Converting Colors

YUV(210.2970, -3.5974,
33.9425)

Have a look what the booklet for
YUV(210.2970, -3.5974, 33.9425)
contains.

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Color

**YUV(210.2970, -3.5974,
33.9425)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C0CB
RGB	249, 192, 203
RGB Percent	98%, 75%, 80%
CMY	0.0235, 0.2471, 0.2039
CMYK	0.00, 0.23, 0.18, 0.02
HSL	348°, 83%, 86%
HSV	348°, 23%, 98%
XYZ	68.6961, 62.1508, 64.8755
YIQ	210.2970, 30.4410, 15.5050

Conversions

Conversions Part 2

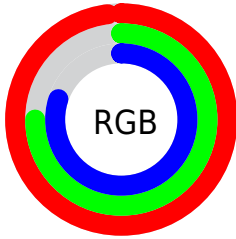
Format	Color
R _Y B	249, 192, 203
Decimal	16367819
CIE Lab	82.99, 22.02, 2.38
CIE LCh	83, 22.144, 6.180
Yxy	62.1508, 0.3510, 0.3175
Android (android.graphics.Color)	4294557899 (0xFF9C0CB)
YUV	210.2970, -3.5974, 33.9425
Hunter-Lab	78.8358, 17.5790, 6.3941

Details

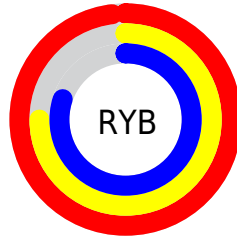
The YUV color $210.2970, -3.5974, 33.9425$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $230.7030, 3.5974, -33.9425$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4780, 1.7363, 3.0888$, and $155.4000, -3.1552, 32.0982$ is the 20% darker color. If you saturate the color by 10%, you get $193.3420, -5.0986, 48.8121$, and if you desaturate by 10%, it is $227.2520, -2.0962, 19.0730$.

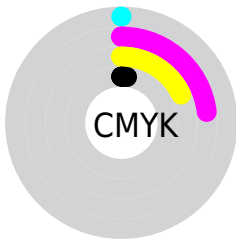
Distribution



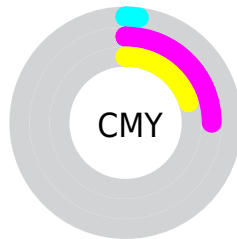
- Red (98%)
- Green (75%)
- Blue (80%)



- Red (98%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.2970, -3.5974, 33.9425 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 210.2970, -3.5974, 33.9425 by changing the saturation by 10% instead.

 210.2970, -3.5974,
33.9425


 210.2970, -3.5974,
33.9425


255.0000, 0.0000,
0.0000


 182.6990, -3.3026,
32.7130


 251.4780, 1.7363,
3.0888

 155.4000, -3.1552,
32.0982

 128.8020, -2.8604,
30.8686

 103.7910, -2.8550,
29.1243

 79.3070, -2.1234,
27.7948

 55.7090, -1.8285,
26.5652

 32.9260, -0.9495,

24.6209

■ 12.6440, -3.2755,
23.9912

■ 0.0000, 0.0000,
0.0000

■ 210.2970, -3.5974,
33.9425

■ 210.2970, -3.5974,
33.9425

■ 193.3420, -5.0986,
48.8121

■ 227.2520, -2.0962,
19.0730

■ 176.3870, -6.5998,
63.6816

■ 244.2070, -0.5951,
4.2035

■ 159.4320, -8.1010,
78.5511

■ 253.2060, 0.8844,
-3.6887

■ 142.4770, -9.6022,
93.4207

■ 125.5220,
-11.1033, 108.2902

■ 109.0400,
-13.3307, 122.7449

■ 92.0850, -14.8319,
137.6145

■ 79.9230, -15.7380,
148.2805

Harmonies

Analogous

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



210.5760, 6.6180, 24.0508



210.2970, -3.5974, 33.9425



209.1910, -12.9122, 34.9125

Triad

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



210.2970, -3.5974, 33.9425



203.0580, -14.8186, -7.0669



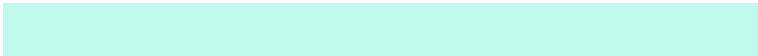
201.5840, 20.9111, -33.8382

Complementary

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



210.2970, -3.5974, 33.9425



230.7030, 3.5974, -33.9425

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.



198.7480, 15.4072, -41.8750



210.2970, -3.5974, 33.9425



200.3530, -5.5970, -24.8656

Square

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



210.2970, -3.5974, 33.9425



205.5010, -19.9670, 10.9616



198.8380, 5.5029, -38.4459



205.9930, 20.7095, -15.7799

Rectangle

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



210.2970, -3.5974, 33.9425



208.3060, -17.4059, 29.5496



198.8380, 5.5029, -38.4459



200.6220, 19.9064, -38.2565

Sweetspot

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



210.2970, -3.5974, 33.9425



242.8380, -0.9061, 10.6661



212.2520, 18.1168, 22.5810



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.



210.2970, -3.5974, 33.9425



208.1130, -4.4927, 41.1199



219.0220, -13.3218, 26.2907



116.2290, -0.6059, 7.6922



60.6150, -12.1352, 112.5936



19.6070, -3.7503, 36.3017

Inverse Universe

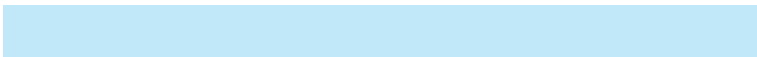
The Inverse Universe completely reimagines the original color for something new.



210.2970, -3.5974, 33.9425



208.1130, -4.4927, 41.1199



221.9780, 13.3218, -26.2907



116.2290, -0.6059, 7.6922



60.6150, -12.1352, 112.5936



19.6070, -3.7503, 36.3017

Previews

White Background



This preview shows how the YUV color 210.2970, -3.5974, 33.9425 looks on a white background.

Color Contrast Check

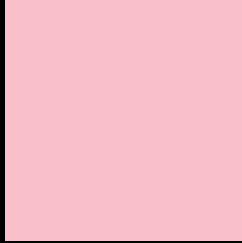
Large Text (above 18pt) WCAG AA × Fail

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 210.2970, -3.5974, 33.9425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

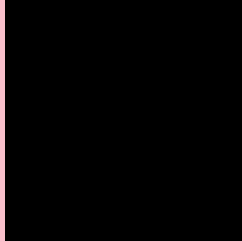
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.2970, -3.5974, 33.9425

Background



This preview shows how black text looks on a background with the YUV color 210.2970, -3.5974, 33.9425.



This preview shows how white text looks on a background with the YUV color 210.2970, -3.5974,

33.9425.

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

210.2970, -3.5974, 33.9425

Protanopia

207.4670, 1.7418, 1.3444

Deuteranopia

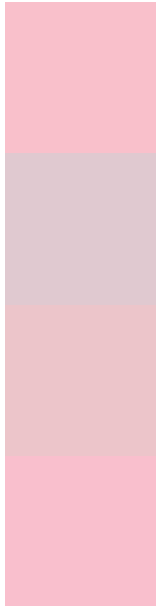
208.7850, -3.8380, 17.7286



Tritanopia

210.0520, -1.9976, 34.1574

Trichromacy



Original Color

210.2970, -3.5974, 33.9425

Protanomaly

208.6750, -0.3328, 13.4400

Deuteranomaly

209.2310, -3.5649, 23.4764

Tritanomaly

209.9380, -2.4344, 34.2574

Monochromacy



Original Color

210.2970, -3.5974, 33.9425

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7350, -1.3484, 12.5104

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.2970, -3.5974, 33.9425 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(249, 192, 203)` looks like.

```
.text, #text, p{  
    color:rgb(249, 192, 203)  
}
```

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(249, 192, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 192, 203) }
```

Border

The CSS property to change the border of an element to YUV 210.2970, -3.5974, 33.9425 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(249, 192, 203) }
```


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

```
.border{ border-color:rgb(249, 192, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 192, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 192, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 192, 203);  
box-shadow:4px 4px 4px 4px rgb(249, 192,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 210.2970, -3.5974, 33.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 192, 203) }
```

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

```
.background{ background-color: rgb(249,  
192, 203) }
```

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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