

# Converting Colors

YUV(218.0240, 0.4812, 32.4280)

Have a look what the booklet for  
YUV(218.0240, 0.4812, 32.4280)  
contains.

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# Color

**YUV(218.0240, 0.4812,  
32.4280)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC7DB
RGB	255, 199, 219
RGB Percent	100%, 78%, 86%
CMY	0.0000, 0.2196, 0.1412
CMYK	0.00, 0.22, 0.14, 0.00
HSL	339°, 100%, 89%
HSV	339°, 22%, 100%
XYZ	74.4496, 67.2213, 76.0689
YIQ	218.0240, 26.9560, 18.0920

# Conversions

## Conversions Part 2

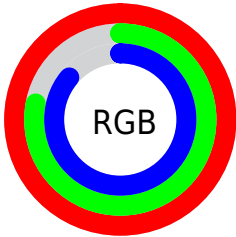
Format	Color
R <sub>Y</sub> B	255, 199, 219
Decimal	16762843
CIE Lab	85.62, 22.91, -2.27
CIE LCh	86, 23.018, 354.352
Yxy	67.2213, 0.3419, 0.3087
Android (android.graphics.Color)	4294952923 (0xFFFFC7DB)
YUV	218.0240, 0.4812, 32.4280
Hunter-Lab	81.9886, 18.6065, 2.3828

# Details

The YUV color  $218.0240, 0.4812, 32.4280$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $235.9760, -0.4812, -32.4280$ , and the grayscale version is  $218.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $163.0130, 0.4866, 30.6836$  is the 20% darker color. If you saturate the color by 10%, you get  $201.5250, 0.7272, 46.8976$ , and if you desaturate by 10%, it is  $235.1100, -0.0542, 17.4435$ .

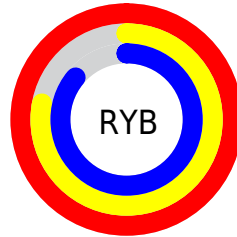
# Distribution



Red (100%)

Green (78%)

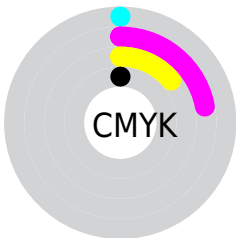
Blue (86%)



Red (100%)

Yellow (78%)

Blue (86%)

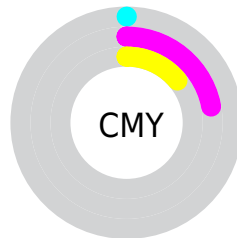


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.0240, 0.4812, 32.4280 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 218.0240, 0.4812, 32.4280 by changing the saturation by 10% instead.





 218.0240, 0.4812,  
32.4280

 218.0240, 0.4812,  
32.4280


255.0000, 0.0000,  
0.0000


 190.3120, 0.3392,  
31.2984

 163.0130, 0.4866,  
30.6836

 136.4150, 0.7814,  
29.4540

 110.7030, 0.6394,  
28.3245

 86.1050, 0.9342,  
27.0949

 62.2080, 1.3765,  
25.2506

 39.0230, 1.9607,

24.5358

■ 16.8380, 2.5449,  
23.8211

■ 2.9900, -1.4741,  
6.1478

■ 218.0240, 0.4812,  
32.4280

■ 218.0240, 0.4812,  
32.4280

■ 201.5250, 0.7272,  
46.8976

■ 235.1100, -0.0542,  
17.4435

■ 184.3250, 0.8258,  
61.9820

■ 251.7230, 0.1366,  
2.8739

■ 167.2390, 1.3612,  
76.9664

■ 255.0000, 0.0000,  
0.0000

■ 150.6260, 1.1704,  
91.5360

■ 133.5400, 1.7058,  
106.5204

■ 117.0410, 1.9518,  
120.9900

■ 99.8410, 2.0504,  
136.0744

■ 86.6190, 2.1598,  
147.6701

# Harmonies

## Analogous

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



217.6830, 11.0023, 17.8180



218.0240, 0.4812, 32.4280



216.1030, -9.4178, 34.1127

# Triad

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



218.0240, 0.4812, 32.4280



211.1900, -18.3347, 0.7104



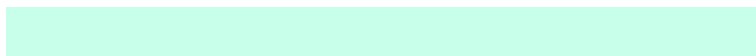
207.4260, 20.4960, -40.7156

# Complementary

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



218.0240, 0.4812, 32.4280



235.9760, -0.4812, -32.4280

# 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.



205.3410, 12.6499, -44.1491



218.0240, 0.4812, 32.4280



208.8330, -10.2707, -19.1475

# Square

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



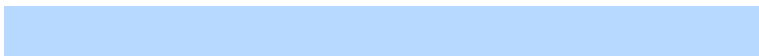
218.0240, 0.4812, 32.4280



213.6160, -21.0097, 18.7538



205.8230, 1.5663, -35.8018



211.4650, 21.4628, -24.0868



# Rectangle

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



218.0240, 0.4812, 32.4280



215.7950, -15.6749, 34.3828



205.8230, 1.5663, -35.8018



206.2470, 18.6122, -43.1896

# Sweetspot

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



218.0240, 0.4812, 32.4280



243.1800, 0.4043, 10.3661



215.8490, 19.3014, 15.9184



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.



218.0240, 0.4812, 32.4280



211.3560, 0.3175, 38.2758



219.8530, -10.2805, 30.8239



119.3430, -0.1691, 7.5922



64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462



# Inverse Universe

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



218.0240, 0.4812, 32.4280



211.3560, 0.3175, 38.2758



234.1470, 10.2805, -30.8239



119.3430, -0.1691, 7.5922



64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462



# Previews

## White Background



This preview shows how the YUV color 218.0240, 0.4812, 32.4280 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

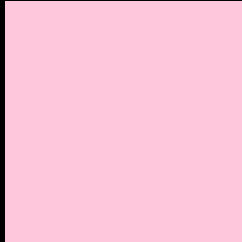
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 218.0240, 0.4812, 32.4280 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

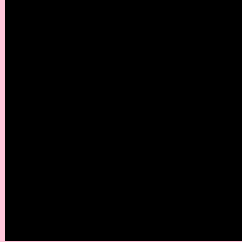
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 218.0240, 0.4812, 32.4280

## Background



This preview shows how black text looks on a background with the YUV color 218.0240, 0.4812, 32.4280.



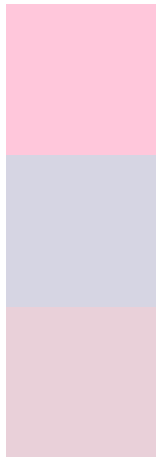
This preview shows how white text looks on a background with the YUV color 218.0240, 0.4812,

32.4280.

# 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

218.0240, 0.4812, 32.4280

### Protanopia

214.8950, 5.9678, -0.7849

### Deuteranopia

216.5010, 0.2460, 14.4696



## Tritanopia

218.1550, -1.5554, 32.3131

# Trichromacy



## Original Color

218.0240, 0.4812, 32.4280

## Protanomaly

216.1030, 3.8932, 11.3107

## Deuteranomaly

217.2460, 0.3717, 20.8323

## Tritanomaly

218.2690, -1.1186, 32.2131

# Monochromacy



## Original Color

218.0240, 0.4812, 32.4280

## Achromatopsia

218.0000, 0.0000, 0.0000

## Achromatomaly

217.7780, 0.1094, 11.5957

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.0240, 0.4812, 32.4280 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, 199, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 219)  
}
```

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, 199, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 219) }
```

## Border

The CSS property to change the border of an element to YUV 218.0240, 0.4812, 32.4280 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, 199, 219) }
```



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

```
.border{ border-color:rgb(255, 199, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
219) }
```

# Background

The CSS property to change the background color of an element to YUV 218.0240, 0.4812, 32.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 219) }
```

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

```
.background{ background-color: rgb(255,  
199, 219) }
```

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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