

Converting Colors

YUV(213.8470, -7.8126,
32.5832)

Have a look what the booklet for
YUV(213.8470, -7.8126, 32.5832)
contains.

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Color

**YUV(213.8470, -7.8126,
32.5832)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC6C6
RGB	251, 198, 198
RGB Percent	98%, 78%, 78%
CMY	0.0157, 0.2235, 0.2235
CMYK	0.00, 0.21, 0.21, 0.02
HSL	0°, 87%, 88%
HSV	0°, 21%, 98%
XYZ	70.1708, 64.9746, 62.2690
YIQ	213.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

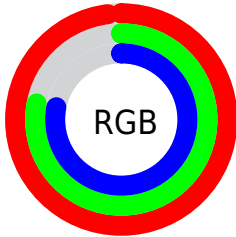
Format	Color
R _Y B	251, 198, 198
Decimal	16500422
CIE Lab	84.47, 18.84, 7.22
CIE LCh	84, 20.172, 20.959
Yxy	64.9746, 0.3554, 0.3291
Android (android.graphics.Color)	4294690502 (0xFFFBBC6C)
YUV	213.8470, -7.8126, 32.5832
Hunter-Lab	80.6068, 14.3279, 10.6231

Details

The YUV color $213.8470, -7.8126, 32.5832$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $235.1530, 7.8126, -32.5832$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.9500, -7.3703, 30.7389$ is the 20% darker color. If you saturate the color by 10%, you get $196.3220, -11.4977, 47.9526$, and if you desaturate by 10%, it is $231.3720, -4.1274, 17.2138$.

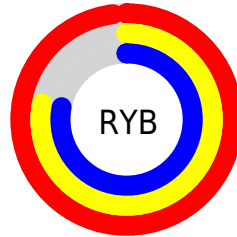
Distribution



Red (98%)

Green (78%)

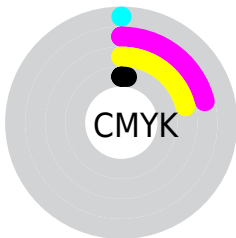
Blue (78%)



Red (98%)

Yellow (78%)

Blue (78%)

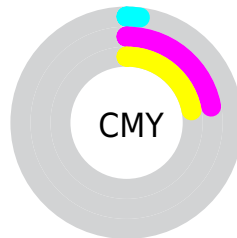


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (2%)



Cyan (2%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.8470, -7.8126, 32.5832 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 213.8470, -7.8126, 32.5832 by changing the saturation by 10% instead.

213.8470, -7.8126,
32.5832

213.8470, -7.8126,
32.5832

255.0000, 0.0000,
0.0000

186.2490, -7.5178,
31.3536

158.9500, -7.3703,
30.7389

132.4660, -6.6387,
29.4093

106.8680, -6.3439,
28.1798

82.2700, -6.0491,
26.9502

58.4870, -5.1701,
25.0059

36.5900, -4.7279,

23.1616

■ 12.8460, -6.3331,
24.6911

■ 0.0000, 0.0000,
0.0000

■ 213.8470, -7.8126,
32.5832

■ 213.8470, -7.8126,
32.5832

■ 196.3220,
-11.4977, 47.9526

■ 231.3720, -4.1274,
17.2138

■ 178.7970,
-15.1829, 63.3220

■ 248.8970, -0.4422,
1.8443

■ 161.2720,
-18.8681, 78.6915

■ 253.8040, 0.5896,
-2.4591

■ 143.7470,
-22.5533, 94.0609

■ 126.2220,
-26.2384, 109.4303

■ 107.9960,
-30.0710, 125.4145

■ 90.4710, -33.7562,
140.7839

■ 75.0490, -36.9992,
154.3090

Harmonies

Analogous

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



214.5180, 1.2236, 27.6097



213.8470, -7.8126, 32.5832



212.8760, -15.2219, 29.0497

Triad

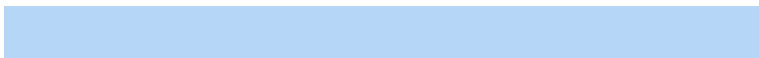
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213.8470, -7.8126, 32.5832



206.5670, -10.1395, -14.5293



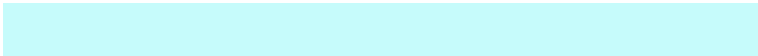
208.3080, 19.5682, -23.0721

Complementary

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



213.8470, -7.8126, 32.5832



235.1530, 7.8126, -32.5832

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.



205.2480, 17.1327, -35.2975



213.8470, -7.8126, 32.5832



204.6990, -0.3446, -29.5540

Square

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



213.8470, -7.8126, 32.5832



208.6570, -16.5929, 2.0548



203.6900, 10.0128, -38.3161



212.0330, 16.7457, -4.4139

Rectangle

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



213.8470, -7.8126, 32.5832



211.1480, -17.8210, 22.6722



203.6900, 10.0128, -38.3161



207.1610, 19.1476, -28.2052

Sweetspot

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



213.8470, -7.8126, 32.5832



244.4850, -2.2111, 9.2217



219.8890, 15.3377, 27.2843



121.6910, -1.3267, 5.5330



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

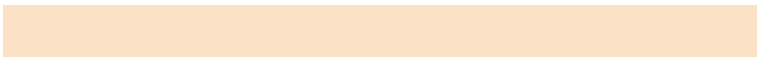
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.8470, -7.8126, 32.5832



210.1360, -9.4340, 39.3457



229.6960, -15.6261, 18.6836



115.8870, -1.9163, 7.9921



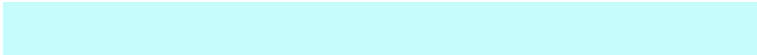
56.5110, -27.8599, 116.1929



18.2390, -8.9918, 37.5014

Inverse Universe

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



235.1530, 7.8126, -32.5832



235.8640, 9.4340, -39.3457



219.8910, 15.3367, -19.1984



121.1130, 1.9163, -7.9921



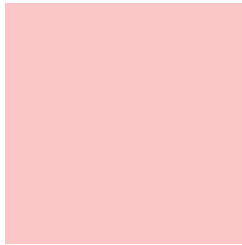
132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Previews

White Background



This preview shows how the YUV color 213.8470, -7.8126, 32.5832 looks on a white background.

Color Contrast Check

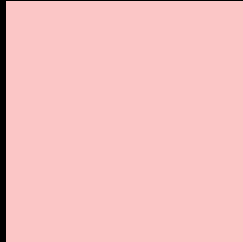
Large Text (above 18pt) WCAG AA × Fail

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 213.8470, -7.8126, 32.5832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

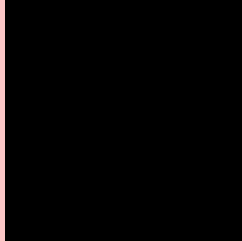
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.8470, -7.8126, 32.5832

Background



This preview shows how black text looks on a background with the YUV color 213.8470, -7.8126, 32.5832.



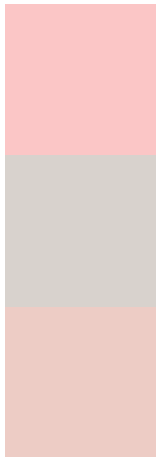
This preview shows how white text looks on a background with the YUV color 213.8470, -7.8126,

32.5832.

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

213.8470, -7.8126, 32.5832

Protanopia

211.2240, -3.0684, 4.1886

Deuteranopia

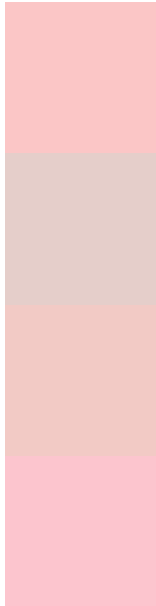
213.0690, -7.9220, 20.9875



Tritanopia

214.7530, -1.8502, 33.5426

Trichromacy



Original Color

213.8470, -7.8126, 32.5832

Protanomaly

212.4210, -5.1376, 14.5398

Deuteranomaly

213.3900, -8.0803, 25.0910

Tritanomaly

214.4710, -4.1762, 32.9129

Monochromacy



Original Color

213.8470, -7.8126, 32.5832

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.6810, -2.8007, 11.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.8470, -7.8126, 32.5832 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(251, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(251, 198, 198)  
}
```

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(251, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 198, 198) }
```

Border

The CSS property to change the border of an element to YUV 213.8470, -7.8126, 32.5832 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(251, 198, 198) }
```


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

```
.border{ border-color:rgb(251, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(251, 198,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 213.8470, -7.8126, 32.5832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 198, 198) }
```

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

```
.background{ background-color: rgb(251,  
198, 198) }
```

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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