

Converting Colors

YUV(218.3200, -8.5388,
32.1684)

Have a look what the booklet for
YUV(218.3200, -8.5388, 32.1684)
contains.

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Color

**YUV(218.3200, -8.5388,
32.1684)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBC9
RGB	255, 203, 201
RGB Percent	100%, 80%, 79%
CMY	0.0000, 0.2039, 0.2118
CMYK	0.00, 0.20, 0.21, 0.00
HSL	2°, 100%, 89%
HSV	2°, 21%, 100%
XYZ	73.1386, 68.1889, 64.5653
YIQ	218.3200, 31.6340, 10.4020

Conversions

Conversions Part 2

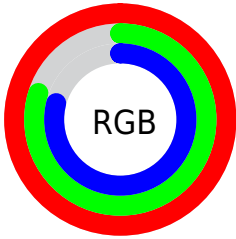
Format	Color
R _Y B	255, 203, 201
Decimal	16763849
CIE Lab	86.10, 18.09, 8.01
CIE LCh	86, 19.787, 23.879
Yxy	68.1889, 0.3552, 0.3312
Android (android.graphics.Color)	4294953929 (0xFFFFCBC9)
YUV	218.3200, -8.5388, 32.1684
Hunter-Lab	82.5766, 13.5895, 11.4457

Details

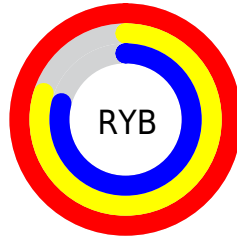
The YUV color $218.3200, -8.5388, 32.1684$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $237.6800, 8.5388, -32.1684$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.4230, -8.0965, 30.3240$ is the 20% darker color. If you saturate the color by 10%, you get $200.7950, -12.2239, 47.5378$, and if you desaturate by 10%, it is $235.9590, -4.4168, 16.6990$.

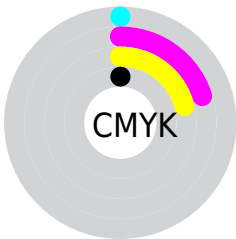
Distribution



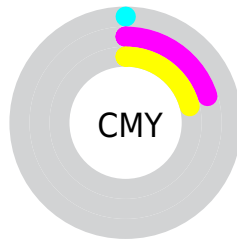
- Red (100%)
- Green (80%)
- Blue (79%)



- Red (100%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (20%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 218.3200, -8.5388, 32.1684 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 218.3200, -8.5388, 32.1684 by changing the saturation by 10% instead.

 218.3200, -8.5388,
32.1684


 218.3200, -8.5388,
32.1684


255.0000, 0.0000,
0.0000


 190.1350, -7.9546,
31.4536

 163.4230, -8.0965,
30.3240

 136.8250, -7.8017,
29.0945

 111.3410, -7.0701,
27.7649

 86.4440, -6.6279,
25.9206

 62.8460, -6.3331,
24.6911

 40.0630, -5.4541,

22.7467

■ 17.4220, -6.6170,
22.4319

■ 0.8970, -0.4422,
1.8443

■ 218.3200, -8.5388,
32.1684

■ 218.3200, -8.5388,
32.1684

■ 200.7950,
-12.2239, 47.5378

■ 235.9590, -4.4168,
16.6990

■ 183.7430,
-16.6353, 62.4924

■ 252.8970, -0.4422,
1.8443

■ 166.1040,
-20.7573, 77.9618

255.0000, 0.0000,
0.0000

■ 149.1660,
-24.7318, 92.8164

■ 131.5270,
-28.8538, 108.2858

■ 114.5890,
-32.8284, 123.1404

■ 96.9500, -36.9503,
138.6099

■ 81.5280, -40.1933,
152.1349

Harmonies

Analogous

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



219.2900, 0.3500, 27.8097



218.3200, -8.5388, 32.1684



217.1640, -15.3639, 27.9202

Triad

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



218.3200, -8.5388, 32.1684



210.8980, -8.8237, -16.5735



213.5040, 18.9785, -20.6130

Complementary

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



218.3200, -8.5388, 32.1684



237.6800, 8.5388, -32.1684

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.



209.9600, 17.2747, -34.1679



218.3200, -8.5388, 32.1684



208.7420, 1.1132, -30.4687

Square

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



218.3200, -8.5388, 32.1684



213.1730, -15.8613, 0.7253



208.5160, 10.5916, -37.2865



216.8160, 15.8667, -2.4696

Rectangle

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



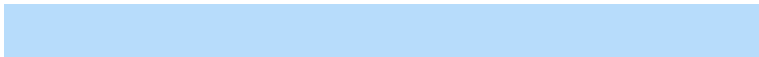
218.3200, -8.5388, 32.1684



216.1370, -17.8155, 20.9279



208.5160, 10.5916, -37.2865



212.4710, 18.9948, -25.8461

Sweetspot

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



218.3200, -8.5388, 32.1684



244.4850, -2.2111, 9.2217



223.0740, 14.7535, 27.9991



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.



218.3200, -8.5388, 32.1684



211.8970, -10.3022, 37.8013



234.1690, -16.3523, 18.2688



118.8870, -1.9163, 7.9921



61.2180, -30.1805, 113.8188



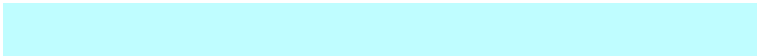
20.3100, -10.0128, 38.3161

Inverse Universe

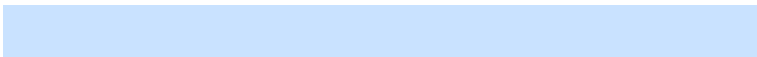
The Inverse Universe completely reimagines the original color for something new.



237.6800, 8.5388, -32.1684



234.6900, 10.0128, -38.3161



221.8310, 16.3523, -18.2688



123.5260, 2.2057, -7.4773



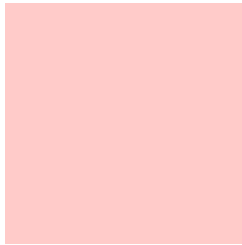
129.7820, 30.1805, -113.8188



43.1030, 10.3022, -37.8013

Previews

White Background



This preview shows how the YUV color 218.3200, -8.5388, 32.1684 looks on a white background.

Color Contrast Check

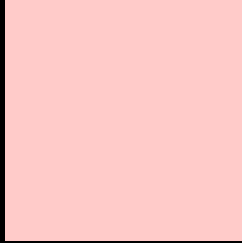
Large Text (above 18pt) WCAG AA × Fail

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 218.3200, -8.5388, 32.1684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

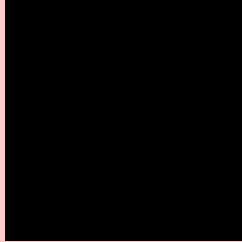
Any Text WCAG AA ✓ Pass

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 218.3200, -8.5388, 32.1684 Background



This preview shows how black text looks on a background with the YUV color 218.3200, -8.5388, 32.1684.



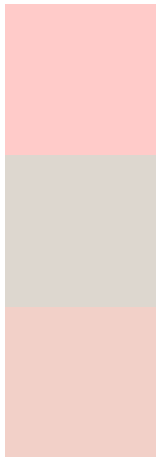
This preview shows how white text looks on a background with the YUV color 218.3200, -8.5388,

32.1684.

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

218.3200, -8.5388, 32.1684

Protanopia

215.8820, -4.3788, 4.4885

Deuteranopia

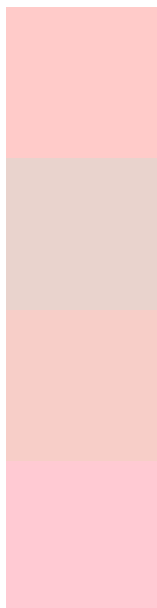
217.2540, -8.5062, 21.7022



Tritanopia

218.8560, -1.4080, 31.6983

Trichromacy



Original Color

218.3200, -8.5388, 32.1684

Protanomaly

216.8940, -5.8637, 14.1250

Deuteranomaly

217.5750, -8.6645, 25.8057

Tritanomaly

218.8730, -3.8814, 31.6834

Monochromacy



Original Color

218.3200, -8.5388, 32.1684

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.2680, -3.0901, 11.1660

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.3200, -8.5388, 32.1684 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, 203, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 201)  
}
```

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, 203, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 201) }
```

Border

The CSS property to change the border of an element to YUV 218.3200, -8.5388, 32.1684 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, 203, 201) }
```


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

```
.border{ border-color:rgb(255, 203, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 203, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 203, 201); box-shadow:4px 4px 4px 4px rgb(255, 203, 201) }
```

Background

The CSS property to change the background color of an element to YUV 218.3200, -8.5388, 32.1684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 201) }
```

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

```
.background{ background-color: rgb(255,  
203, 201) }
```

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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