

Converting Colors

YUV(217.1460, -7.9600,
33.1980)

Have a look what the booklet for
YUV(217.1460, -7.9600, 33.1980)
contains.

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Color

**YUV(217.1460, -7.9600,
33.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9C9
RGB	255, 201, 201
RGB Percent	100%, 79%, 79%
CMY	0.0000, 0.2118, 0.2118
CMYK	0.00, 0.21, 0.21, 0.00
HSL	0°, 100%, 89%
HSV	0°, 21%, 100%
XYZ	72.6693, 67.2503, 64.4089
YIQ	217.1460, 32.1840, 11.4480

Conversions

Conversions Part 2

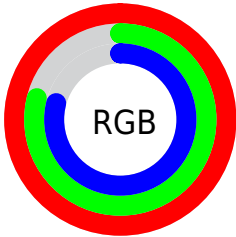
Format	Color
R _Y B	255, 201, 201
Decimal	16763337
CIE Lab	85.63, 19.14, 7.33
CIE LCh	86, 20.497, 20.967
Yxy	67.2503, 0.3556, 0.3291
Android (android.graphics.Color)	4294953417 (0xFFFFC9C9)
YUV	217.1460, -7.9600, 33.1980
Hunter-Lab	82.0063, 14.6654, 10.8372

Details

The YUV color $217.1460, -7.9600, 33.1980$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $238.8540, 7.9600, -33.1980$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.9500, -7.3704, 30.7388$ is the 20% darker color. If you saturate the color by 10%, you get $199.6210, -11.6452, 48.5674$, and if you desaturate by 10%, it is $235.3720, -4.1274, 17.2138$.

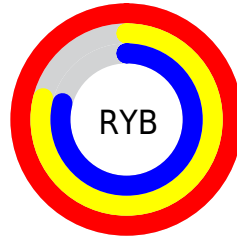
Distribution



Red (100%)

Green (79%)

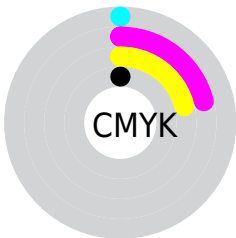
Blue (79%)



Red (100%)

Yellow (79%)

Blue (79%)

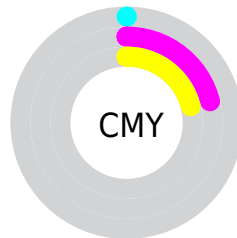


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.1460, -7.9600, 33.1980 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 217.1460, -7.9600, 33.1980 by changing the saturation by 10% instead.


 217.1460, -7.9600,
33.1980


 217.1460, -7.9600,
33.1980


255.0000, 0.0000,
0.0000


 189.5480, -7.6652,
31.9684

 161.9500, -7.3704,
30.7388

 135.6510, -7.2229,
30.1241

 110.1670, -6.4913,
28.7945

 85.2700, -6.0491,
26.9502

 61.6720, -5.7543,
25.7207

 38.8890, -4.8753,

23.7763

■ 15.6610, -5.7489,
23.9763

■ 0.2990, -0.1474,
0.6148

■ 217.1460, -7.9600,
33.1980

■ 217.1460, -7.9600,
33.1980

■ 199.6210,
-11.6452, 48.5674

■ 235.3720, -4.1274,
17.2138

■ 181.3950,
-15.4777, 64.5516

■ 252.8970, -0.4422,
1.8443

■ 163.1690,
-19.3103, 80.5358

■ 255.0000, 0.0000,
0.0000

■ 145.6440,
-22.9955, 95.9052

■ 127.4180,
-26.8281, 111.8894

■ 109.8930,
-30.5132, 127.2588

■ 91.6670, -34.3458,
143.2430

■ 76.2450, -37.5888,
156.7681

Harmonies

Analogous

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



217.9310, 1.5130, 28.1245



217.1460, -7.9600, 33.1980



216.1750, -15.3693, 29.6645

Triad

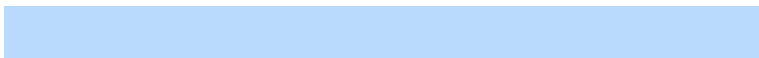
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.1460, -7.9600, 33.1980



209.2680, -9.9921, -15.1440



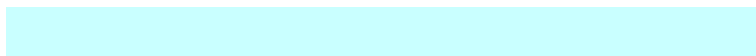
212.0090, 19.7156, -23.6869

Complementary

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



217.1460, -7.9600, 33.1980



238.8540, 7.9600, -33.1980

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.



208.5360, 16.9908, -36.4271



217.1460, -7.9600, 33.1980



207.4000, -0.1972, -30.1688

Square

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



217.1460, -7.9600, 33.1980



211.9560, -16.7403, 2.6696



206.6900, 10.0128, -38.3161



215.1470, 17.1825, -4.5139

Rectangle

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



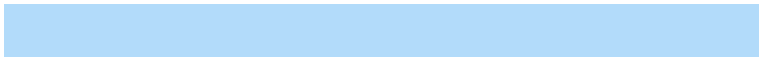
217.1460, -7.9600, 33.1980



215.0340, -18.2578, 22.7722



206.6900, 10.0128, -38.3161



210.2750, 19.5844, -28.3052

Sweetspot

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



217.1460, -7.9600, 33.1980



244.4850, -2.2111, 9.2217



223.3020, 15.6271, 27.7991



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.



217.1460, -7.9600, 33.1980



210.1360, -9.4340, 39.3457



232.9950, -15.7735, 19.2984



118.8870, -1.9163, 7.9921



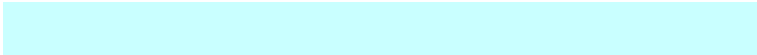
57.1090, -28.1547, 117.4224



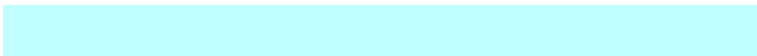
19.1360, -9.4340, 39.3457

Inverse Universe

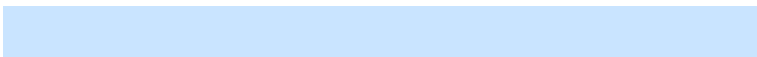
The Inverse Universe completely reimagines the original color for something new.



238.8540, 7.9600, -33.1980



235.8640, 9.4340, -39.3457



223.0050, 15.7735, -19.2984



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Previews

White Background



This preview shows how the YUV color 217.1460, -7.9600, 33.1980 looks on a white background.

Color Contrast Check

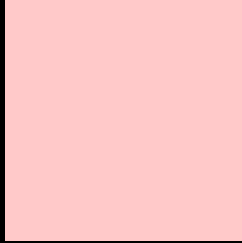
Large Text (above 18pt) WCAG AA × Fail

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 217.1460, -7.9600, 33.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

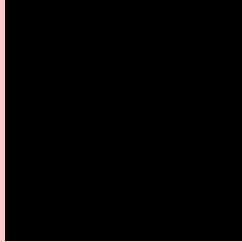
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.1460, -7.9600, 33.1980

Background



This preview shows how black text looks on a background with the YUV color 217.1460, -7.9600, 33.1980.

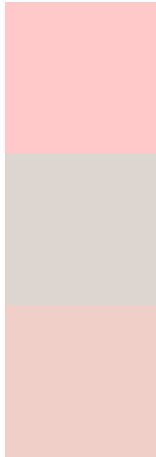


This preview shows how white text looks on a background with the YUV color 217.1460, -7.9600,

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

217.1460, -7.9600, 33.1980

Protanopia

214.5230, -3.2158, 4.8033

Deuteranopia

216.0690, -7.9220, 20.9875



Tritanopia

218.0410, -1.9922, 32.4130

Trichromacy



Original Color

217.1460, -7.9600, 33.1980

Protanomaly

215.7200, -5.2850, 15.1546

Deuteranomaly

216.3900, -8.0803, 25.0910

Tritanomaly

217.4710, -4.1762, 32.9129

Monochromacy



Original Color

217.1460, -7.9600, 33.1980

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.9800, -2.9481, 12.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1460, -7.9600, 33.1980 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, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 201) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 217.1460, -7.9600, 33.1980 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, 201, 201) }
```


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

```
.border{ border-color:rgb(255, 201, 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, 201, 201)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 217.1460, -7.9600, 33.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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