

Converting Colors

YUV(217.6820, -0.8292,
32.7279)

Have a look what the booklet for
YUV(217.6820, -0.8292, 32.7279)
contains.

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Color

**YUV(217.6820, -0.8292,
32.7279)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7D8
RGB	255, 199, 216
RGB Percent	100%, 78%, 85%
CMY	0.0000, 0.2196, 0.1529
CMYK	0.00, 0.22, 0.15, 0.00
HSL	342°, 100%, 89%
HSV	342°, 22%, 100%
XYZ	74.0581, 67.0647, 74.0072
YIQ	217.6820, 27.9190, 17.1590

Conversions

Conversions Part 2

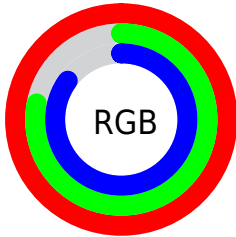
Format	Color
R _Y B	255, 199, 216
Decimal	16762840
CIE Lab	85.54, 22.44, -0.78
CIE LCh	86, 22.451, 357.999
Yxy	67.0647, 0.3442, 0.3117
Android (android.graphics.Color)	4294952920 (0xFFFFC7D8)
YUV	217.6820, -0.8292, 32.7279
Hunter-Lab	81.8930, 18.1095, 3.7444

Details

The YUV color $217.6820, -0.8292, 32.7279$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $236.3180, 0.8292, -32.7279$, 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 $162.6710, -0.8238, 30.9835$ is the 20% darker color. If you saturate the color by 10%, you get $200.9550, -1.4568, 47.3975$, and if you desaturate by 10%, it is $234.9960, -0.4910, 17.5435$.

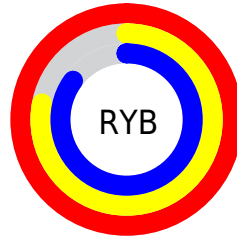
Distribution



Red (100%)

Green (78%)

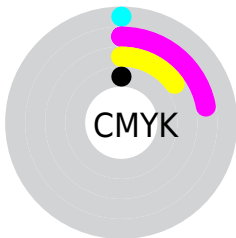
Blue (85%)



Red (100%)

Yellow (78%)

Blue (85%)

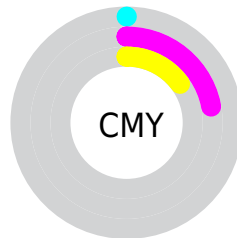


Cyan (0%)

Magenta (22%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.6820, -0.8292, 32.7279 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 217.6820, -0.8292, 32.7279 by changing the saturation by 10% instead.

 217.6820, -0.8292,
32.7279

 217.6820, -0.8292,
32.7279


255.0000, 0.0000,
0.0000

 189.9700, -0.9712,
31.5983

 162.6710, -0.8238,
30.9835

 136.0730, -0.5290,
29.7540

 110.4750, -0.2342,
28.5244

 85.7630, -0.3762,
27.3948

 61.8660, 0.0661,
25.5505

 38.7950, 1.0871,

24.7358

■ 16.6100, 1.6713,
24.0210

■ 2.3920, -1.1793,
4.9182

■ 217.6820, -0.8292,
32.7279

■ 217.6820, -0.8292,
32.7279

■ 200.9550, -1.4568,
47.3975

■ 234.9960, -0.4910,
17.5435

■ 183.6410, -1.7950,
62.5818

■ 251.7230, 0.1366,
2.8739

■ 166.4410, -1.6964,
77.6662

■ 255.0000, 0.0000,
0.0000

■ 149.7140, -2.3240,
92.3358

■ 132.4000, -2.6622,
107.5202

■ 115.6730, -3.2898,
122.1898

■ 98.4730, -3.1912,
137.2742

■ 85.0230, -3.9553,
149.0698

Harmonies

Analogous

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



217.3520, 9.6865, 19.8623



217.6820, -0.8292, 32.7279



215.8750, -10.2914, 34.3126

Triad

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



217.6820, -0.8292, 32.7279



211.1080, -17.3082, -1.8487



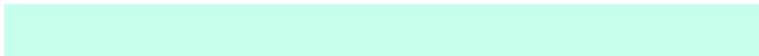
208.0350, 20.1957, -37.7417

Complementary

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



217.6820, -0.8292, 32.7279



236.3180, 0.8292, -32.7279

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.



205.2810, 13.6655, -43.2194



217.6820, -0.8292, 32.7279



208.2780, -8.5181, -21.2918

Square

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



217.6820, -0.8292, 32.7279



213.4200, -20.4201, 16.2947



206.1650, 2.8767, -36.1017



212.0740, 21.1625, -21.1129

Rectangle

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



217.6820, -0.8292, 32.7279



215.6700, -16.1063, 32.7384



206.1650, 2.8767, -36.1017



207.2580, 18.6068, -41.4453

Sweetspot

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



217.6820, -0.8292, 32.7279



243.0660, -0.0325, 10.4661



216.7460, 18.8592, 17.7628



120.6310, -0.3111, 6.4626



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.



217.6820, -0.8292, 32.7279



211.0140, -0.9929, 38.5757



221.6140, -11.1487, 29.2795



119.3430, -0.1691, 7.5922



63.7210, -2.8205, 111.6237



21.3020, -1.1349, 37.4461

Inverse Universe

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



217.6820, -0.8292, 32.7279



211.0140, -0.9929, 38.5757



232.3860, 11.1487, -29.2795



119.3430, -0.1691, 7.5922



63.7210, -2.8205, 111.6237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 217.6820, -0.8292, 32.7279 looks on a white background.

Color Contrast Check

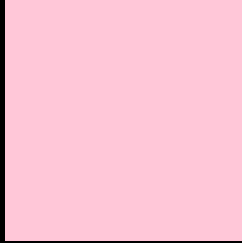
Large Text (above 18pt) WCAG AA × Fail

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 217.6820, -0.8292, 32.7279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

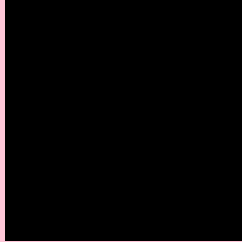
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.6820, -0.8292, 32.7279

Background



This preview shows how black text looks on a background with the YUV color 217.6820, -0.8292, 32.7279.



This preview shows how white text looks on a background with the YUV color 217.6820, -0.8292,

32.7279.

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

217.6820, -0.8292, 32.7279

Protanopia

214.8520, 4.5100, 0.1298

Deuteranopia

215.8710, -0.9224, 15.8991



Tritanopia

217.5680, -1.2660, 32.8279

Trichromacy



Original Color

217.6820, -0.8292, 32.7279

Protanomaly

216.0600, 2.4354, 12.2254

Deuteranomaly

216.6160, -0.7967, 22.2618

Tritanomaly

217.5680, -1.2660, 32.8279

Monochromacy



Original Color

217.6820, -0.8292, 32.7279

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.6640, -0.3274, 11.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.6820, -0.8292, 32.7279 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 216) }
```

Border

The CSS property to change the border of an element to YUV 217.6820, -0.8292, 32.7279 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, 216) }
```


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

```
.border{ border-color:rgb(255, 199, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 217.6820, -0.8292, 32.7279 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
199, 216) }
```

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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