

Converting Colors

YUV(217.1220, -1.5391,
27.0800)

Have a look what the booklet for
YUV(217.1220, -1.5391, 27.0800)
contains.

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Color

**YUV(217.1220, -1.5391,
27.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CAD6
RGB	248, 202, 214
RGB Percent	97%, 79%, 84%
CMY	0.0275, 0.2078, 0.1608
CMYK	0.00, 0.19, 0.14, 0.03
HSL	344°, 77%, 88%
HSV	344°, 19%, 97%
XYZ	71.9695, 67.0526, 72.7676
YIQ	217.1220, 23.5640, 13.4840

Conversions

Conversions Part 2

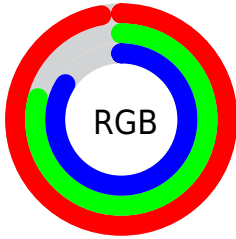
Format	Color
R _Y B	248, 202, 214
Decimal	16304854
CIE Lab	85.53, 18.10, 0.19
CIE LCh	86, 18.099, 0.611
Yxy	67.0526, 0.3398, 0.3166
Android (android.graphics.Color)	4294494934 (0xFFF8CAD6)
YUV	217.1220, -1.5391, 27.0800
Hunter-Lab	81.8856, 13.5844, 4.6320

Details

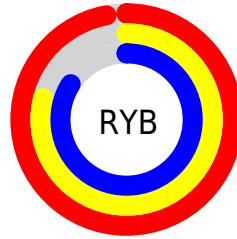
The YUV color $217.1220, -1.5391, 27.0800$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $232.8780, 1.5391, -27.0800$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.1110, -1.5337, 25.3357$ is the 20% darker color. If you saturate the color by 10%, you get $200.3950, -2.1667, 41.7496$, and if you desaturate by 10%, it is $233.8490, -0.9116, 12.4104$.

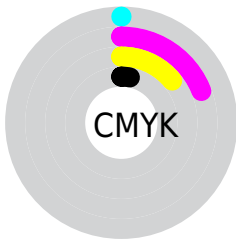
Distribution



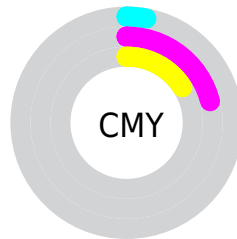
- Red (97%)
- Green (79%)
- Blue (84%)



- Red (97%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.1220, -1.5391, 27.0800 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 217.1220, -1.5391, 27.0800 by changing the saturation by 10% instead.

■ 217.1220, -1.5391,
27.0800

■ 217.1220, -1.5391,
27.0800

255.0000, 0.0000,
0.0000

■ 189.4100, -1.6811,
25.9504

■ 162.1110, -1.5337,
25.3357

■ 135.8120, -1.3863,
24.7209

■ 110.2140, -1.0915,
23.4913

■ 85.6160, -0.7967,
22.2618

■ 62.0180, -0.5019,
21.0322

■ 39.4200, -0.2071,

19.8027

■ 17.5340, 0.2297,
19.7027

■ 0.0000, 0.0000,
0.0000

■ 217.1220, -1.5391,
27.0800

■ 217.1220, -1.5391,
27.0800

■ 200.3950, -2.1667,
41.7496

■ 233.8490, -0.9116,
12.4104

■ 183.5540, -3.2311,
56.5191

■ 250.6900, 0.1528,
-2.3591

■ 167.4140, -4.1481,
70.6739

■ 252.9070, 1.0318,
-4.3034

■ 150.6870, -4.7757,
85.3435

■ 133.8460, -5.8401,
100.1131

■ 117.1190, -6.4677,
114.7826

■ 100.3920, -7.0953,
129.4522

■ 84.1380, -8.4490,
143.7070

■ 81.5620, -8.1651,
145.9661

Harmonies

Analogous

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



216.9450, 6.9291, 17.5882



217.1220, -1.5391, 27.0800



216.3690, -9.5489, 29.4944

Triad

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



217.1220, -1.5391, 27.0800



211.1340, -13.3771, -2.7485



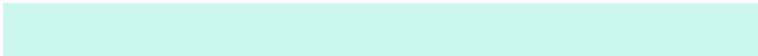
209.7650, 16.3849, -28.7349

Complementary

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



217.1220, -1.5391, 27.0800



232.8780, 1.5391, -27.0800

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.



207.6520, 11.0176, -33.8978



217.1220, -1.5391, 27.0800



209.1690, -6.4923, -17.6882

Square

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



217.1220, -1.5391, 27.0800



213.4240, -16.4780, 11.9062



207.7960, 2.5656, -29.6391



212.7820, 17.3625, -15.5948

Rectangle

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



217.1220, -1.5391, 27.0800



215.9080, -13.7586, 26.3907



207.7960, 2.5656, -29.6391



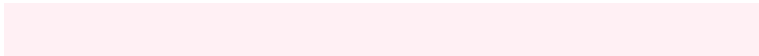
208.8140, 15.3747, -31.4089

Sweetspot

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



217.1220, -1.5391, 27.0800



244.9410, -0.4639, 8.8217



217.4100, 15.0809, 16.3034



121.9190, -0.4531, 5.3330



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.



217.1220, -1.5391, 27.0800



217.4540, -1.7028, 32.9278



222.2110, -9.9640, 22.6170



116.3430, -0.1691, 7.5922



62.0970, -6.4568, 111.2939



20.0630, -2.0031, 35.9017

Inverse Universe

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



217.1220, -1.5391, 27.0800



217.4540, -1.7028, 32.9278



227.7890, 9.9640, -22.6170



116.3430, -0.1691, 7.5922



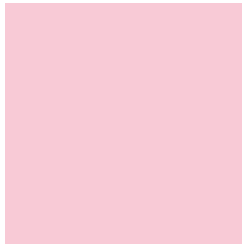
62.0970, -6.4568, 111.2939



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 217.1220, -1.5391, 27.0800 looks on a white background.

Color Contrast Check

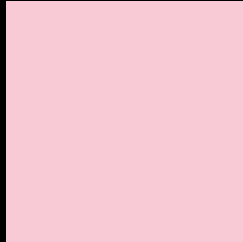
Large Text (above 18pt) WCAG AA × Fail

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 217.1220, -1.5391, 27.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

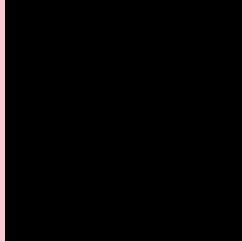
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.1220, -1.5391, 27.0800

Background



This preview shows how black text looks on a background with the YUV color 217.1220, -1.5391, 27.0800.



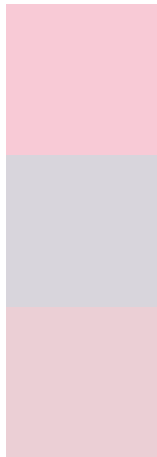
This preview shows how white text looks on a background with the YUV color 217.1220, -1.5391,

27.0800.

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

217.1220, -1.5391, 27.0800

Protanopia

214.6950, 2.6154, 1.1445

Deuteranopia

216.0560, -1.5066, 16.6139



Tritanopia

216.8770, 0.0606, 27.2949

Trichromacy



Original Color

217.1220, -1.5391, 27.0800

Protanomaly

215.7070, 1.1304, 10.7810

Deuteranomaly

216.3770, -1.6649, 20.7174

Tritanomaly

216.7630, -0.3762, 27.3948

Monochromacy



Original Color

217.1220, -1.5391, 27.0800

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.2400, -0.6113, 9.4365

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1220, -1.5391, 27.0800 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(248, 202, 214)` looks like.

```
.text, #text, p{  
    color:rgb(248, 202, 214)  
}
```

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(248, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 202, 214) }
```

Border

The CSS property to change the border of an element to YUV 217.1220, -1.5391, 27.0800 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(248, 202, 214) }
```


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

```
.border{ border-color:rgb(248, 202, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 202, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(248, 202,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 217.1220, -1.5391, 27.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 202, 214) }
```

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

```
.background{ background-color: rgb(248,  
202, 214) }
```

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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