

Converting Colors

YUV(217.8570, -6.3385,
26.4354)

Have a look what the booklet for
YUV(217.8570, -6.3385, 26.4354)
contains.

YUV(217.8570, -6.3385, 26.4354)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(217.8570, -6.3385,
26.4354)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CDCD
RGB	248, 205, 205
RGB Percent	97%, 80%, 80%
CMY	0.0275, 0.1961, 0.1961
CMYK	0.00, 0.17, 0.17, 0.03
HSL	0°, 75%, 89%
HSV	0°, 17%, 97%
XYZ	71.5622, 68.0269, 67.1164
YIQ	217.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

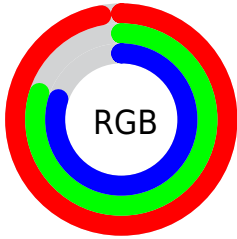
Format	Color
RYB	248, 205, 205
Decimal	16305613
CIELab	86.02, 15.13, 5.69
CIElCh	86, 16.160, 20.601
Yxy	68.0269, 0.3462, 0.3291
Android (android.graphics.Color)	4294495693 (0xFFF8CDCD)
YUV	217.8570, -6.3385, 26.4354
Hunter-Lab	82.4784, 10.5378, 9.4880

Details

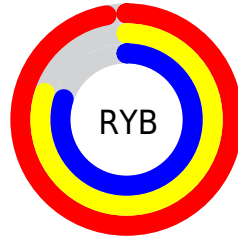
The YUV color $217.8570, -6.3385, 26.4354$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $235.1430, 6.3385, -26.4354$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.9600, -5.8963, 24.5911$ is the 20% darker color. If you saturate the color by 10%, you get $200.3320, -10.0237, 41.8048$, and if you desaturate by 10%, it is $235.3820, -2.6533, 11.0660$.

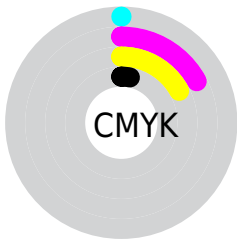
Distribution



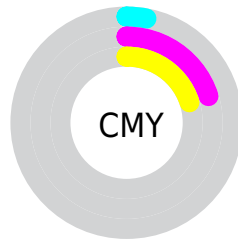
- Red (97%)
- Green (80%)
- Blue (80%)



- Red (97%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8570, -6.3385, 26.4354 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 217.8570, -6.3385, 26.4354 by changing the saturation by 10% instead.

217.8570, -6.3385,
26.4354

217.8570, -6.3385,
26.4354

255.0000, 0.0000,
0.0000

189.6720, -5.7543,
25.7207

162.9600, -5.8963,
24.5911

136.6610, -5.7489,
23.9763

111.0630, -5.4541,
22.7467

86.4650, -5.1592,
21.5172

62.9810, -4.4276,
20.1877

40.3830, -4.1328,

18.9581

■ 18.2690, -4.5696,
19.0581

■ 0.0000, 0.0000,
0.0000

■ 217.8570, -6.3385,
26.4354

■ 217.8570, -6.3385,
26.4354

■ 200.3320,
-10.0237, 41.8048

■ 235.3820, -2.6533,
11.0660

■ 182.8070,
-13.7089, 57.1743

■ 252.9070, 1.0318,
-4.3034

■ 165.9830,
-17.2466, 71.9289

■ 148.4580,
-20.9318, 87.2983

■ 130.9330,
-24.6170, 102.6678

■ 113.4080,
-28.3021, 118.0372

■ 95.8830, -31.9873,
133.4066

■ 79.0590, -35.5251,
148.1613

■ 74.1520, -36.5569,
152.4647

Harmonies

Analogous

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



218.1860, 1.3873, 21.7619



217.8570, -6.3385, 26.4354



216.9400, -12.2954, 23.7316

Triad

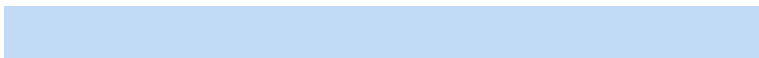
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.8570, -6.3385, 26.4354



211.7460, -8.2558, -12.0552



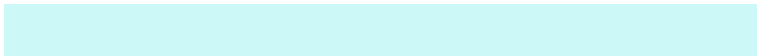
213.6030, 15.4787, -18.0688

Complementary

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



217.8570, -6.3385, 26.4354



235.1430, 6.3385, -26.4354

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.



210.9670, 13.3273, -28.0351



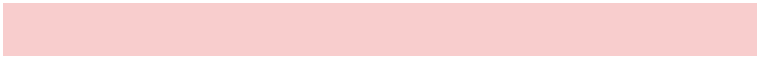
217.8570, -6.3385, 26.4354



210.4440, -0.2189, -23.1914

Square

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



217.8570, -6.3385, 26.4354



213.1670, -13.3933, 2.4845



209.7620, 7.5123, -29.6093



216.2350, 13.6881, -3.7141

Rectangle

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



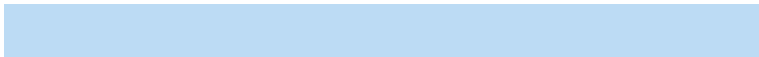
217.8570, -6.3385, 26.4354



216.0380, -14.3157, 18.3837



209.7620, 7.5123, -29.6093



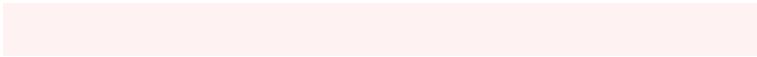
212.5810, 15.4896, -21.5575

Sweetspot

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



217.8570, -6.3385, 26.4354



245.8870, -1.9163, 7.9921



222.7590, 12.4438, 22.1364



122.3920, -1.1793, 4.9182



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.



217.8570, -6.3385, 26.4354



217.1460, -7.9600, 33.1980



230.7710, -12.7051, 15.1098



115.8870, -1.9163, 7.9921



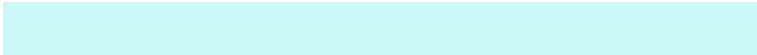
56.5110, -27.8599, 116.1929



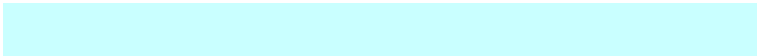
18.2390, -8.9918, 37.5014

Inverse Universe

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



235.1430, 6.3385, -26.4354



238.8540, 7.9600, -33.1980



222.8160, 12.4157, -15.6246



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 217.8570, -6.3385, 26.4354 looks on a white background.

Color Contrast Check

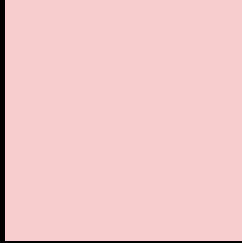
Large Text (above 18pt) WCAG AA × Fail

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 217.8570, -6.3385, 26.4354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

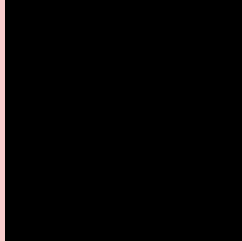
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.8570, -6.3385, 26.4354

Background



This preview shows how black text looks on a background with the YUV color 217.8570, -6.3385, 26.4354.

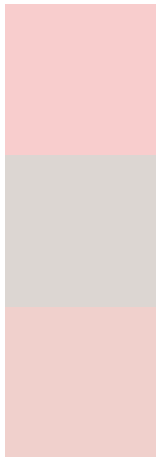


This preview shows how white text looks on a background with the YUV color 217.8570, -6.3385,

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

217.8570, -6.3385, 26.4354

Protanopia

215.3380, -2.6316, 4.0886

Deuteranopia

217.1120, -6.4642, 20.0728



Tritanopia

218.8770, 0.0606, 27.2949

Trichromacy



Original Color

217.8570, -6.3385, 26.4354

Protanomaly

216.3390, -4.1111, 11.9807

Deuteranomaly

217.4220, -6.6170, 22.4319

Tritanomaly

218.5950, -2.2653, 26.6652

Monochromacy



Original Color

217.8570, -6.3385, 26.4354

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.7840, -2.3585, 9.8364

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8570, -6.3385, 26.4354 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, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(248, 205, 205)  
}
```

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, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 205, 205) }
```

Border

The CSS property to change the border of an element to YUV 217.8570, -6.3385, 26.4354 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, 205, 205) }
```


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

```
.border{ border-color:rgb(248, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(248, 205,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 217.8570, -6.3385, 26.4354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 205, 205) }
```

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

```
.background{ background-color: rgb(248,  
205, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor