

Converting Colors

YUV(217.5850, -3.7394,
32.8130)

Have a look what the booklet for
YUV(217.5850, -3.7394, 32.8130)
contains.

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Color

**YUV(217.5850, -3.7394,
32.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8D2
RGB	255, 200, 210
RGB Percent	100%, 78%, 82%
CMY	0.0000, 0.2157, 0.1765
CMYK	0.00, 0.22, 0.18, 0.00
HSL	349°, 100%, 89%
HSV	349°, 22%, 100%
XYZ	73.5271, 67.2217, 70.0726
YIQ	217.5850, 29.5700, 14.7700

Conversions

Conversions Part 2

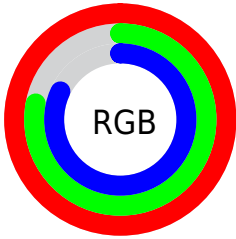
Format	Color
R _Y B	255, 200, 210
Decimal	16763090
CIE _{Lab}	85.62, 20.99, 2.53
CIE _{LCh}	86, 21.146, 6.861
Y _{xy}	67.2217, 0.3488, 0.3189
Android (android.graphics.Color)	4294953170 (0xFFFFC8D2)
YUV	217.5850, -3.7394, 32.8130
Hunter-Lab	81.9888, 16.5973, 6.7194

Details

The YUV color $217.5850, -3.7394, 32.8130$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $237.4150, 3.7394, -32.8130$, 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 $162.6880, -3.2972, 30.9686$ is the 20% darker color. If you saturate the color by 10%, you get $200.5160, -5.6774, 47.7825$, and if you desaturate by 10%, it is $235.2410, -2.0908, 17.3286$.

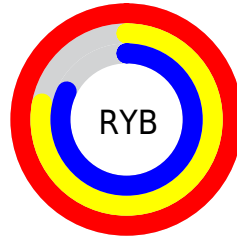
Distribution



Red (100%)

Green (78%)

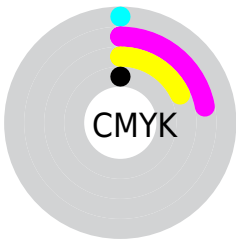
Blue (82%)



Red (100%)

Yellow (78%)

Blue (82%)

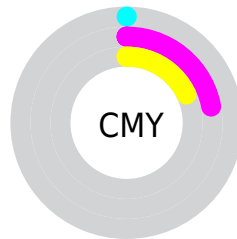


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.5850, -3.7394, 32.8130 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 217.5850, -3.7394, 32.8130 by changing the saturation by 10% instead.

217.5850, -3.7394,
32.8130

217.5850, -3.7394,
32.8130

255.0000, 0.0000,
0.0000

189.8730, -3.8814,
31.6834

162.6880, -3.2972,
30.9686

136.0900, -3.0024,
29.7391

110.4920, -2.7076,
28.5095

85.7800, -2.8495,
27.3799

61.9970, -1.9705,
25.4356

39.1000, -1.5283,

23.5913

■ 16.3280, -0.6547,
23.3913

■ 1.4950, -0.7370,
3.0739

■ 217.5850, -3.7394,
32.8130

■ 217.5850, -3.7394,
32.8130

■ 200.5160, -5.6774,
47.7825

■ 235.2410, -2.0908,
17.3286

■ 182.8600, -7.3260,
63.2668

■ 252.3100, -0.1528,
2.3591

■ 165.2040, -8.9746,
78.7511

255.0000, 0.0000,
0.0000

■ 148.2490,
-10.4758, 93.6206

■ 131.1800,
-12.4137, 108.5901

■ 113.5240,
-14.0623, 124.0745

■ 96.4550, -16.0003,
139.0440

■ 81.4890, -17.4961,
152.1691

Harmonies

Analogous

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



217.7500, 6.0393, 23.0212



217.5850, -3.7394, 32.8130



216.2940, -12.4699, 33.0682

Triad

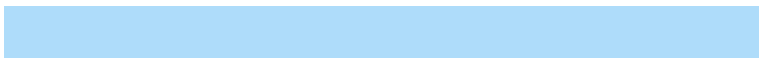
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.5850, -3.7394, 32.8130



210.2860, -13.9450, -7.2668



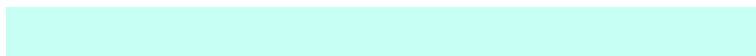
209.6660, 19.8847, -31.2791

Complementary

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



217.5850, -3.7394, 32.8130



237.4150, 3.7394, -32.8130

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.



206.6450, 14.9650, -40.0307



217.5850, -3.7394, 32.8130



207.8800, -4.8708, -24.4508

Square

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



217.5850, -3.7394, 32.8130



212.7290, -19.0934, 10.7617



206.5500, 5.6448, -37.3164



213.3630, 19.5410, -14.3504

Rectangle

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



217.5850, -3.7394, 32.8130



215.1210, -16.8217, 28.8349



206.5500, 5.6448, -37.3164



208.7040, 18.8799, -35.6974

Sweetspot

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



217.5850, -3.7394, 32.8130



244.7130, -1.3375, 9.0217



219.7250, 17.3906, 22.1662



121.8050, -0.8899, 5.4330



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.



217.5850, -3.7394, 32.8130



210.1020, -4.4873, 39.3755



226.4240, -13.0270, 25.0612



119.1150, -1.0427, 7.7921



61.0990, -12.8668, 113.9232



20.5040, -4.1925, 38.1460

Inverse Universe

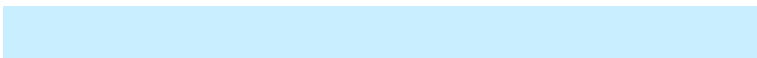
The Inverse Universe completely reimagines the original color for something new.



217.5850, -3.7394, 32.8130



210.1020, -4.4873, 39.3755



228.5760, 13.0270, -25.0612



119.1150, -1.0427, 7.7921



61.0990, -12.8668, 113.9232



20.5040, -4.1925, 38.1460

Previews

White Background



This preview shows how the YUV color 217.5850, -3.7394, 32.8130 looks on a white background.

Color Contrast Check

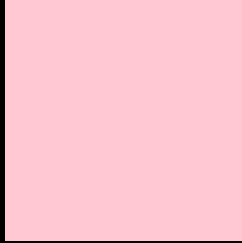
Large Text (above 18pt) WCAG AA × Fail

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 217.5850, -3.7394, 32.8130 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 217.5850, -3.7394, 32.8130

Background



This preview shows how black text looks on a background with the YUV color 217.5850, -3.7394, 32.8130.



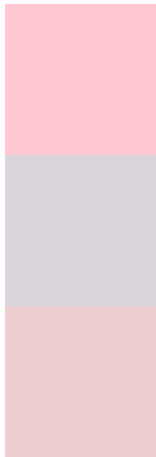
This preview shows how white text looks on a background with the YUV color 217.5850, -3.7394,

32.8130.

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

217.5850, -3.7394, 32.8130

Protanopia

214.7660, 1.5944, 1.9592

Deuteranopia

216.1980, -3.5486, 18.2434



Tritanopia

217.5680, -1.2660, 32.8279

Trichromacy



Original Color

217.5850, -3.7394, 32.8130

Protanomaly

215.6750, -0.3328, 13.4400

Deuteranomaly

216.5300, -3.7123, 24.0912

Tritanomaly

217.3400, -2.1396, 33.0278

Monochromacy



Original Color

217.5850, -3.7394, 32.8130

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.4360, -1.2009, 11.8956

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.5850, -3.7394, 32.8130 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, 200, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 210)  
}
```

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, 200, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 210) }
```

Border

The CSS property to change the border of an element to YUV 217.5850, -3.7394, 32.8130 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, 200, 210) }
```


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

```
.border{ border-color:rgb(255, 200, 210) }
```

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

Here you see how a box with a 4 pixel rgb(255, 200, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 217.5850, -3.7394, 32.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 210) }
```

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

```
.background{ background-color: rgb(255,  
200, 210) }
```

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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