

# Converting Colors

YUV(217.0040, 10.8440,  
21.9215)

Have a look what the booklet for  
YUV(217.0040, 10.8440, 21.9215)  
contains.

<b>YUV(217.0040, 10.8440, 21.9215)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(217.0040, 10.8440,  
21.9215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2C8EF
RGB	242, 200, 239
RGB Percent	95%, 78%, 94%
CMY	0.0510, 0.2157, 0.0627
CMYK	0.00, 0.17, 0.01, 0.05
HSL	304°, 62%, 87%
HSV	304°, 17%, 95%
XYZ	72.8522, 66.4178, 90.6415
YIQ	217.0040, 12.5130, 21.0330

# Conversions

## Conversions Part 2

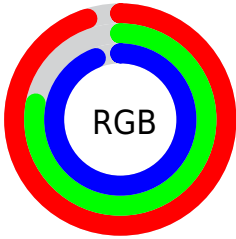
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 200, 239
Decimal	15911151
CIE Lab	85.21, 21.34, -13.64
CIE LCh	85, 25.328, 327.406
Yxy	66.4178, 0.3169, 0.2889
Android (android.graphics.Color)	4294101231 (0xFFFF2C8EF)
YUV	217.0040, 10.8440, 21.9215
Hunter-Lab	81.4971, 16.9455, -8.8947

# Details

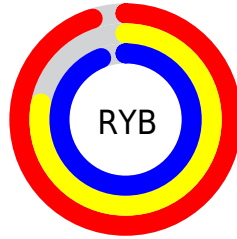
The YUV color **217.0040, 10.8440, 21.9215** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **224.9960, -10.8440, -21.9215**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **162.1780, 10.2652, 20.8919** is the 20% darker color. If you saturate the color by 10%, you get **202.6880, 16.9158, 34.4766**, and if you desaturate by 10%, it is **231.3200, 4.7722, 9.3664**.

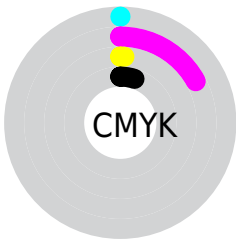
# Distribution



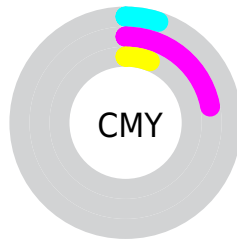
- Red (95%)
- Green (78%)
- Blue (94%)



- Red (95%)
- Yellow (78%)
- Blue (94%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 217.0040, 10.8440, 21.9215 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 217.0040, 10.8440, 21.9215 by changing the saturation by 10% instead.



217.0040, 10.8440,  
21.9215

217.0040, 10.8440,  
21.9215

255.0000, 0.0000,  
0.0000

189.2920, 10.7020,  
20.7919

162.1780, 10.2652,  
20.8919

135.4660, 10.1233,  
19.7623

110.0530, 9.8339,  
19.2475

85.3410, 9.6919,  
18.1179

61.9280, 9.4025,  
17.6031

39.2160, 9.2605,

16.4736

■ 16.6290, 9.5499,  
16.9884

■ 1.4820, 5.6784,  
-1.2997

■ 217.0040, 10.8440,  
21.9215

■ 217.0040, 10.8440,  
21.9215

■ 202.6880, 16.9158,  
34.4766

■ 231.3200, 4.7722,  
9.3664

■ 188.4860, 23.4244,  
46.9318

■ 245.5220, -1.7363,  
-3.0888

■ 173.5830, 29.7856,  
60.0017

■ 249.8590, -2.8885,  
-6.8923

■ 159.2670, 35.8574,  
72.5568

■ 250.0870, -2.0149,  
-7.0923

144.9510, 41.9292,  
85.1120

250.3150, -1.1413,  
-7.2923

130.7490, 48.4377,  
97.5671

250.4290, -0.7045,  
-7.3922

116.4330, 54.5095,  
110.1223

250.6570, 0.1691,  
-7.5922

101.5300, 60.8707,  
123.1922

250.8850, 1.0427,  
-7.7921

98.0080, 62.6071,  
126.2810

251.1130, 1.9163,  
-7.9921

# Harmonies

## Analogous

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



214.5650, 19.9345, -0.4955



217.0040, 10.8440, 21.9215



215.9210, 0.0389, 34.2723

# Triad

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



217.0040, 10.8440, 21.9215



212.3340, -23.3357, 18.1241



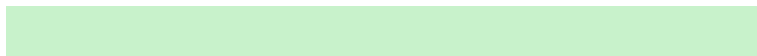
202.9920, 15.2869, -49.9820

# Complementary

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



217.0040, 10.8440, 21.9215



224.9960, -10.8440, -21.9215

# 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.



203.5450, 3.1823, -40.8200



217.0040, 10.8440, 21.9215



209.2390, -19.3448, -1.9636

# Square

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



217.0040, 10.8440, 21.9215



214.5300, -20.4743, 33.7382



206.5120, -10.1124, -23.2510



205.3870, 22.9802, -44.1894



# Rectangle

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



217.0040, 10.8440, 21.9215



214.0970, -6.9498, 35.8719



206.5120, -10.1124, -23.2510



202.9660, 11.3558, -49.0822

# Sweetspot

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



217.0040, 10.8440, 21.9215



247.2550, 3.3253, 6.7924



205.6850, 17.9033, -2.3547



123.1900, 1.8783, 4.2184



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.



217.0040, 10.8440, 21.9215



222.8460, 13.8799, 28.1991



214.6100, 1.6713, 24.0210



112.8420, 3.0359, 6.2776



74.3960, 47.1328, 96.1227



22.6720, 14.4587, 29.2287



# Inverse Universe

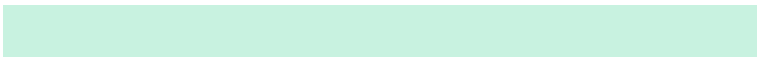
The Inverse Universe completely reimagines the original color for something new.



217.0040, 10.8440, 21.9215



222.8460, 13.8799, 28.1991



227.3900, -1.6713, -24.0210



112.8420, 3.0359, 6.2776



74.3960, 47.1328, 96.1227



22.6720, 14.4587, 29.2287



# Previews

## White Background



This preview shows how the YUV color 217.0040, 10.8440, 21.9215 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

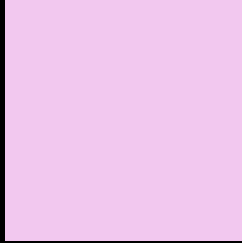
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 217.0040, 10.8440, 21.9215 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

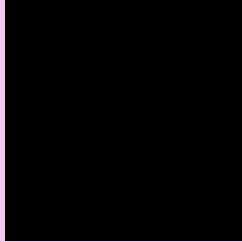
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 217.0040, 10.8440, 21.9215

## Background



This preview shows how black text looks on a background with the YUV color 217.0040, 10.8440, 21.9215.



This preview shows how white text looks on a background with the YUV color 217.0040, 10.8440,



# 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

217.0040, 10.8440, 21.9215

### Protanopia

213.7940, 15.8776, -5.9583

### Deuteranopia

215.0190, 11.3296, 6.1223



## Tritanopia

215.5880, 1.6821, 20.5323

# Trichromacy



## Original Color

217.0040, 10.8440, 21.9215

## Protanomaly

214.9910, 13.8084, 4.3929

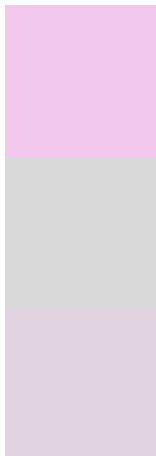
## Deuteranomaly

215.3510, 11.1660, 11.9702

## Tritanomaly

216.0980, 4.8817, 20.9621

# Monochromacy



## Original Color

217.0040, 10.8440, 21.9215

## Achromatopsia

217.0000, 0.0000, 0.0000

## Achromatomaly

217.0810, 3.9041, 7.8220

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 217.0040, 10.8440, 21.9215 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(242, 200, 239)` looks like.

```
.text, #text, p{  
    color:rgb(242, 200, 239)  
}
```

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(242, 200, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 200, 239) }
```

## Border

The CSS property to change the border of an element to YUV 217.0040, 10.8440, 21.9215 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(242, 200, 239) }
```



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

```
.border{ border-color:rgb(242, 200, 239) }
```

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

Here you see how a box with a 4 pixel rgb(242, 200, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 200, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 200, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 200,  
239) }
```

# Background

The CSS property to change the background color of an element to YUV 217.0040, 10.8440, 21.9215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 200, 239) }
```

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

```
.background{ background-color: rgb(242,  
200, 239) }
```

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