

Converting Colors

YUV(217.0270, 9.3537, 33.3023)

Have a look what the booklet for
YUV(217.0270, 9.3537, 33.3023)
contains.

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Color

**YUV(217.0270, 9.3537,
33.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2EC
RGB	255, 194, 236
RGB Percent	100%, 76%, 93%
CMY	0.0000, 0.2392, 0.0745
CMYK	0.00, 0.24, 0.07, 0.00
HSL	319°, 100%, 88%
HSV	319°, 24%, 100%
XYZ	75.6721, 65.8997, 88.0884
YIQ	217.0270, 22.8740, 25.9940

Conversions

Conversions Part 2

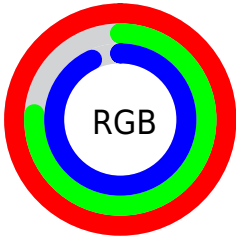
Format	Color
R _Y B	255, 194, 236
Decimal	16761580
CIE _{Lab}	84.95, 28.31, -12.32
CIE _{LCh}	85, 30.868, 336.487
Y _{xy}	65.8997, 0.3295, 0.2869
Android (android.graphics.Color)	4294951660 (0xFFFFC2EC)
Y _{UV}	217.0270, 9.3537, 33.3023
Hunter-Lab	81.1786, 24.3294, -7.5116

Details

The YUV color $217.0270, 9.3537, 33.3023$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $231.9730, -9.3537, -33.3023$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6520, 1.1576, 2.0592$, and $161.9020, 8.9223, 31.6579$ is the 20% darker color. If you saturate the color by 10%, you get $201.4400, 13.0941, 46.9721$, and if you desaturate by 10%, it is $232.6140, 5.6133, 19.6325$.

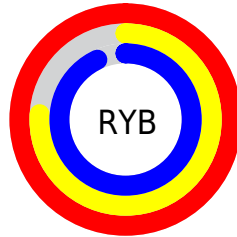
Distribution



Red (100%)

Green (76%)

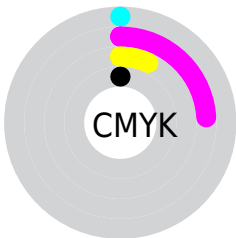
Blue (93%)



Red (100%)

Yellow (76%)

Blue (93%)

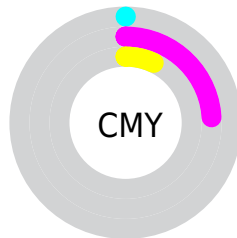


Cyan (0%)

Magenta (24%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 217.0270, 9.3537, 33.3023 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 217.0270, 9.3537, 33.3023 by changing the saturation by 10% instead.

 217.0270, 9.3537,
33.3023


 217.0270, 9.3537,
33.3023


255.0000, 0.0000,
0.0000


 189.3150, 9.2117,
32.1727


 252.6520, 1.1576,
2.0592

 161.9020, 8.9223,
31.6579

 135.1900, 8.7803,
30.5284

 109.4780, 8.6383,
29.3988

 84.7660, 8.4964,
28.2692

 60.1680, 8.7912,
27.0397

 36.8690, 8.9386,

26.4249

■ 17.0320, 8.3652,
23.6509

■ 4.9130, 2.0149,
7.0923

■ 217.0270, 9.3537,
33.3023

■ 217.0270, 9.3537,
33.3023

■ 201.4400, 13.0941,
46.9721

■ 232.6140, 5.6133,
19.6325

■ 185.2660, 17.1239,
61.1567

■ 248.7880, 1.5835,
5.4479

■ 169.6790, 20.8643,
74.8265

255.0000, 0.0000,
0.0000

■ 153.5050, 24.8940,
89.0111

■ 137.3310, 28.9238,
103.1957

■ 121.7440, 32.6642,
116.8655

■ 106.1570, 36.4046,
130.5353

■ 96.3090, 39.2877,
139.1720

Harmonies

Analogous

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



214.9190, 19.7599, 8.8410



217.0270, 9.3537, 33.3023



211.9600, -2.4453, 37.7461

Triad

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



217.0270, 9.3537, 33.3023



209.8730, -27.5454, 15.0204



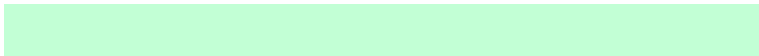
198.6680, 23.3347, -64.6068

Complementary

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



217.0270, 9.3537, 33.3023



231.9730, -9.3537, -33.3023

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.



199.3410, 9.1989, -57.3041



217.0270, 9.3537, 33.3023



206.8420, -20.6281, -10.3854

Square

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



217.0270, 9.3537, 33.3023



212.3470, -26.3001, 35.6527



202.2330, -7.0169, -36.1613



202.4510, 25.9067, -49.5075

Rectangle

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



217.0270, 9.3537, 33.3023



210.2670, -11.4706, 39.2308



202.2330, -7.0169, -36.1613



198.2290, 19.1141, -64.2218

Sweetspot

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



217.0270, 9.3537, 33.3023



243.7500, 2.5883, 9.8663



206.3360, 23.9914, 4.9673



121.0870, 1.4361, 6.0627



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.



217.0270, 9.3537, 33.3023



208.9400, 11.3686, 40.3946



213.6070, -3.7503, 36.3017



119.9130, 2.0149, 7.0923



72.1570, 29.5026, 104.2253



24.1520, 9.7851, 34.9467

Inverse Universe

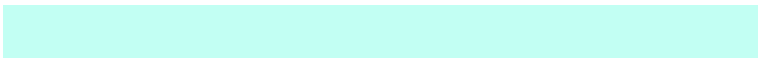
The Inverse Universe completely reimagines the original color for something new.



217.0270, 9.3537, 33.3023



208.9400, 11.3686, 40.3946



235.3930, 3.7503, -36.3017



119.9130, 2.0149, 7.0923



72.1570, 29.5026, 104.2253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 217.0270, 9.3537, 33.3023 looks on a white background.

Color Contrast Check

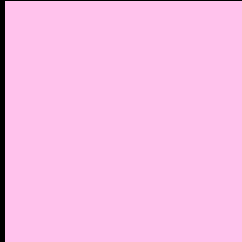
Large Text (above 18pt) WCAG AA × Fail

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 217.0270, 9.3537, 33.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

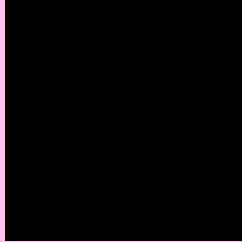
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.0270, 9.3537, 33.3023

Background



This preview shows how black text looks on a background with the YUV color 217.0270, 9.3537, 33.3023.



This preview shows how white text looks on a background with the YUV color 217.0270, 9.3537,

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

217.0270, 9.3537, 33.3023

Protanopia

213.6090, 16.4618, -6.6731

Deuteranopia

214.8620, 9.4350, 7.1370



Tritanopia

215.8560, -1.4080, 31.6983

Trichromacy



Original Color

217.0270, 9.3537, 33.3023



Protanomaly

215.0130, 13.7976, 7.8816



Deuteranomaly

215.6290, 9.5499, 16.9884



Tritanomaly

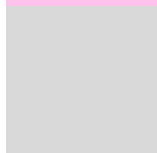
216.4800, 2.2284, 32.0280

Monochromacy



Original Color

217.0270, 9.3537, 33.3023



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.2880, 3.3090, 12.0254

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.0270, 9.3537, 33.3023 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, 194, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 236)  
}
```

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, 194, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 236) }
```

Border

The CSS property to change the border of an element to YUV 217.0270, 9.3537, 33.3023 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, 194, 236) }
```


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

```
.border{ border-color:rgb(255, 194, 236) }
```

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

Here you see how a box with a 4 pixel rgb(255, 194, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 217.0270, 9.3537, 33.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 236) }
```

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

```
.background{ background-color: rgb(255,  
194, 236) }
```

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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