

Converting Colors

YUV(234.9250, 0.5300, 16.7288)

Have a look what the booklet for
YUV(234.9250, 0.5300, 16.7288)
contains.

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Color

**YUV(234.9250, 0.5300,
16.7288)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE1EC
RGB	254, 225, 236
RGB Percent	100%, 88%, 93%
CMY	0.0039, 0.1176, 0.0745
CMYK	0.00, 0.11, 0.07, 0.00
HSL	337°, 94%, 94%
HSV	337°, 11%, 100%
XYZ	82.9386, 80.9774, 90.6157
YIQ	234.9250, 13.7530, 9.5690

Conversions

Conversions Part 2

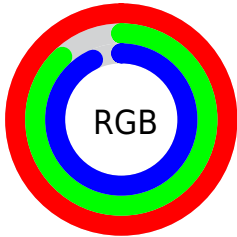
Format	Color
R_{YB}	254, 225, 236
Decimal	16703980
CIE _{Lab}	92.12, 11.75, -1.71
CIE _{LCh}	92, 11.878, 351.735
Y _{xy}	80.9774, 0.3258, 0.3181
Android (android.graphics.Color)	4294894060 (0xFFFE1EC)
YUV	234.9250, 0.5300, 16.7288
Hunter-Lab	89.9874, 7.0398, 3.2872

Details

The YUV color $234.9250, 0.5300, 16.7288$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $244.0750, -0.5300, -16.7288$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.2130, 0.3880, 15.5992$ is the 20% darker color. If you saturate the color by 10%, you get $218.4260, 0.7760, 31.1984$, and if you desaturate by 10%, it is $251.4240, 0.2840, 2.2592$.

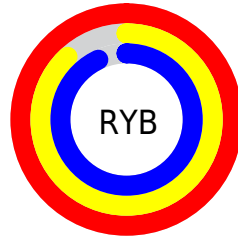
Distribution



Red (100%)

Green (88%)

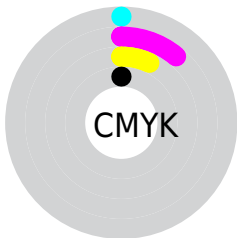
Blue (93%)



Red (100%)

Yellow (88%)

Blue (93%)

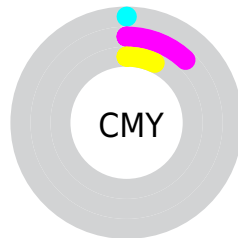


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (12%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 234.9250, 0.5300, 16.7288 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 234.9250, 0.5300, 16.7288 by changing the saturation by 10% instead.


 234.9250, 0.5300,
16.7288

 234.9250, 0.5300,
16.7288


255.0000, 0.0000,
0.0000


 206.6260, 0.6774,
16.1140

 179.2130, 0.3880,
15.5992

 152.2130, 0.3880,
15.5992

 126.6150, 0.6828,
14.3696

 101.3160, 0.8302,
13.7549

 77.3160, 0.8302,
13.7549

 54.6040, 0.6882,

12.6253

■ 32.8920, 0.5462,
11.4957

■ 9.4410, 1.2616,
15.3992

■ 234.9250, 0.5300,
16.7288

■ 234.9250, 0.5300,
16.7288

■ 218.4260, 0.7760,
31.1984

■ 251.4240, 0.2840,
2.2592

■ 201.3400, 1.3114,
46.1828

254.7010, 0.1474,
-0.6148

■ 184.9550, 1.9942,
60.5525

■ 167.8690, 2.5296,
75.5369

■ 151.3700, 2.7756,
90.0065

■ 134.8710, 3.0216,
104.4761

■ 117.8990, 3.9938,
119.3606

■ 101.4000, 4.2398,
133.8302

■ 86.8900, 4.4912,
146.5555

Harmonies

Analogous

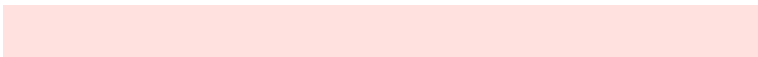
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.3630, 6.2300, 8.4516



234.9250, 0.5300, 16.7288



233.8560, -4.8590, 18.5433

Triad

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



234.9250, 0.5300, 16.7288



231.0790, -9.8989, 1.6847



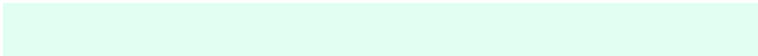
229.5120, 10.1006, -19.7430

Complementary

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



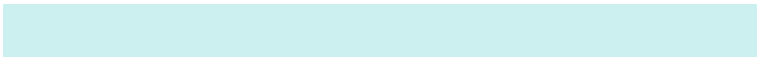
234.9250, 0.5300, 16.7288



244.0750, -0.5300, -16.7288

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.



228.6490, 5.5960, -21.6172



234.9250, 0.5300, 16.7288



229.7510, -5.7932, -8.5516

Square

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



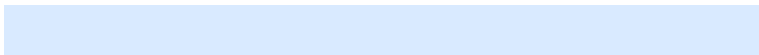
234.9250, 0.5300, 16.7288



232.2050, -10.9471, 11.2212



228.8900, 0.0542, -17.4435



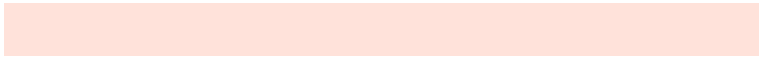
231.3110, 11.6787, -12.5507

Rectangle

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



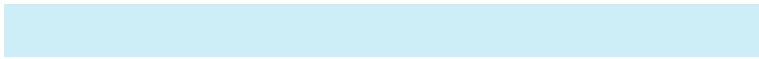
234.9250, 0.5300, 16.7288



233.7590, -7.7692, 18.6284



228.8900, 0.0542, -17.4435



229.1590, 8.7956, -21.1874

Sweetspot

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



234.9250, 0.5300, 16.7288



249.7340, 0.1311, 4.6183



233.6880, 10.0138, 8.1666



124.0220, -0.0108, 3.4887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

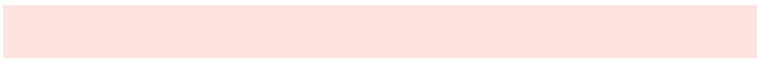
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.9250, 0.5300, 16.7288



231.3600, 0.8085, 20.7323



235.4320, -5.1430, 16.2841



119.4570, 0.2677, 7.4922



65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Inverse Universe

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



234.9250, 0.5300, 16.7288



231.3600, 0.8085, 20.7323



243.5680, 5.1430, -16.2841



119.4570, 0.2677, 7.4922



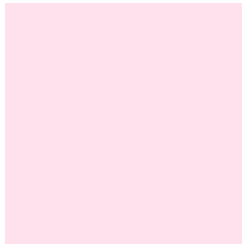
65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 234.9250, 0.5300, 16.7288 looks on a white background.

Color Contrast Check

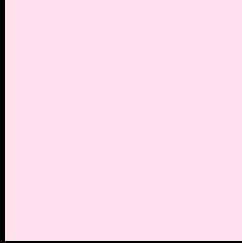
Large Text (above 18pt) WCAG AA × Fail

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 234.9250, 0.5300, 16.7288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

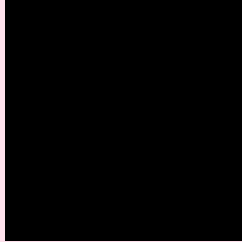
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 234.9250, 0.5300, 16.7288

Background



This preview shows how black text looks on a background with the YUV color 234.9250, 0.5300, 16.7288.



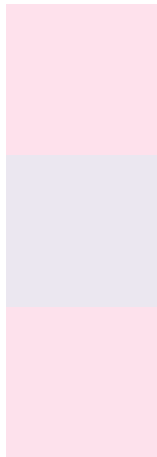
This preview shows how white text looks on a background with the YUV color 234.9250, 0.5300,

16.7288.

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

234.9250, 0.5300, 16.7288

Protanopia

233.2220, 3.3416, 1.5593

Deuteranopia

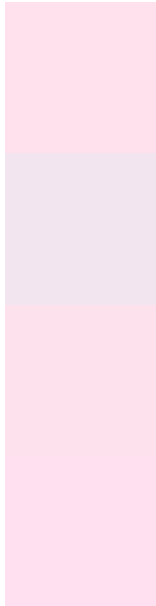
234.6260, 0.6774, 16.1140



Tritanopia

235.3210, 3.2927, 17.2585

Trichromacy



Original Color

234.9250, 0.5300, 16.7288

Protanomaly

234.0270, 2.4517, 6.9923

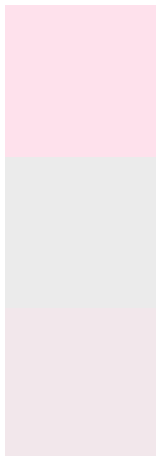
Deuteranomaly

234.6260, 0.6774, 16.1140

Tritanomaly

235.0930, 2.4192, 17.4584

Monochromacy



Original Color

234.9250, 0.5300, 16.7288

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.7450, 0.1257, 6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.9250, 0.5300, 16.7288 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(254, 225, 236)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 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(254, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 236) }
```

Border

The CSS property to change the border of an element to YUV 234.9250, 0.5300, 16.7288 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(254, 225, 236) }
```


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

```
.border{ border-color:rgb(254, 225, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 225, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 234.9250, 0.5300, 16.7288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 236) }
```

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

```
.background{ background-color: rgb(254,  
225, 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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