

Converting Colors

YUV(192.8580, 15.8460,
50.9905)

Have a look what the booklet for
YUV(192.8580, 15.8460, 50.9905)
contains.

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Color

**YUV(192.8580, 15.8460,
50.9905)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9DE1
RGB	251, 157, 225
RGB Percent	98%, 62%, 88%
CMY	0.0157, 0.3843, 0.1176
CMYK	0.00, 0.37, 0.10, 0.02
HSL	317°, 92%, 80%
HSV	317°, 37%, 98%
XYZ	65.4312, 50.0594, 77.4480
YIQ	192.8580, 34.1960, 41.0760

Conversions

Conversions Part 2

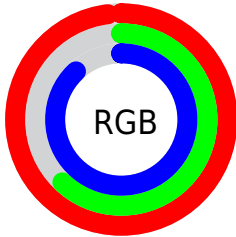
Format	Color
RYB	251, 157, 225
Decimal	16489953
CIELab	76.11, 44.48, -19.73
CIELCh	76, 48.659, 336.082
Yxy	50.0594, 0.3391, 0.2595
Android (android.graphics.Color)	4294680033 (0xFFFB9DE1)
YUV	192.8580, 15.8460, 50.9905
Hunter-Lab	70.7527, 41.2575, -15.3737

Details

The YUV color **192.8580, 15.8460, 50.9905** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **215.1420, -15.8460, -50.9905**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **137.5480, 15.9988, 48.6314** is the 20% darker color. If you saturate the color by 10%, you get **177.3850, 20.0232, 64.5604**, and if you desaturate by 10%, it is **208.3310, 11.6688, 37.4207**.

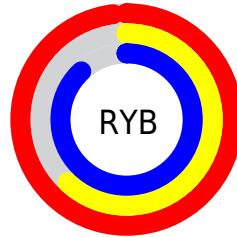
Distribution



Red (98%)

Green (62%)

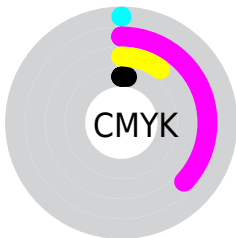
Blue (88%)



Red (98%)

Yellow (62%)

Blue (88%)

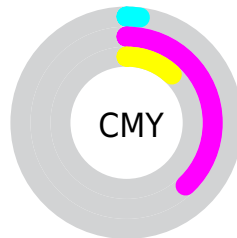


Cyan (0%)

Magenta (37%)

Yellow (10%)

Black (2%)



Cyan (2%)


Magenta (38%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 192.8580, 15.8460, 50.9905 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 192.8580, 15.8460, 50.9905 by changing the saturation by 10% instead.

 192.8580, 15.8460,
50.9905

 192.8580, 15.8460,
50.9905


255.0000, 0.0000,
0.0000


 165.1460, 15.7040,
49.8610


 230.3460, 12.1544,
21.6216


 137.5480, 15.9988,
48.6314

 247.3690, 3.7621,
6.6924

 111.4230, 15.5675,
46.9870

 84.8250, 15.8623,
45.7575

 57.5800, 17.4621,
45.9723

 32.9820, 17.7569,
44.7428

 22.8850, 11.3957,

31.6729

■ 13.6140, 5.6133,
19.6325

■ 0.0000, 0.0000,
0.0000

■ 192.8580, 15.8460,
50.9905

■ 192.8580, 15.8460,
50.9905

■ 177.3850, 20.0232,
64.5604

■ 208.3310, 11.6688,
37.4207

■ 161.9120, 24.2004,
78.1302

■ 223.8040, 7.4916,
23.8509

■ 146.4390, 28.3776,
91.7000

■ 239.2770, 3.3144,
10.2811

■ 130.9660, 32.5548,
105.2698

■ 253.5760, -0.2840,
-2.2592

■ 114.9060, 37.0213,
119.3544

■ 253.8040, 0.5896,
-2.4591

■ 99.4330, 41.1985,
132.9243

■ 95.7970, 42.4981,
136.1130

Harmonies

Analogous

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



191.0300, 31.5372, 11.3747



192.8580, 15.8460, 50.9905



185.4020, -2.6632, 61.0374

Triad

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



192.8580, 15.8460, 50.9905



183.1930, -42.9861, 20.8787



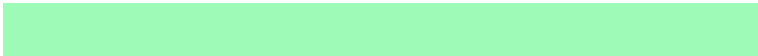
149.9290, 43.9120, -131.4877

Complementary

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



192.8580, 15.8460, 50.9905



215.1420, -15.8460, -50.9905

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.



146.2010, 24.5509, -128.2183



192.8580, 15.8460, 50.9905



177.8230, -31.9577, -16.5078

Square

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



192.8580, 15.8460, 50.9905



186.3030, -39.5894, 51.4773



169.0960, -9.4143, -60.5972



147.6440, 52.9265, -129.4838

Rectangle

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



192.8580, 15.8460, 50.9905



183.8570, -16.1985, 62.3924



169.0960, -9.4143, -60.5972



149.0340, 37.9442, -130.7028

Sweetspot

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



192.8580, 15.8460, 50.9905



237.6520, 4.6086, 15.2142



175.1910, 37.3738, 5.9715



117.4510, 2.7357, 9.2515



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.



192.8580, 15.8460, 50.9905



183.8470, 19.3024, 62.4012



187.6140, -4.2467, 55.5895



116.9130, 2.0149, 7.0923



72.1290, 31.9814, 102.4959



23.2550, 10.2273, 33.1024

Inverse Universe

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



192.8580, 15.8460, 50.9905



183.8470, 19.3024, 62.4012



220.3860, 4.2467, -55.5895



116.9130, 2.0149, 7.0923



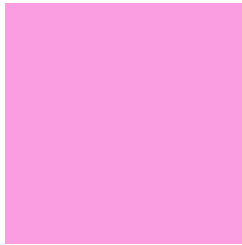
72.1290, 31.9814, 102.4959



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 192.8580, 15.8460, 50.9905 looks on a white background.

Color Contrast Check

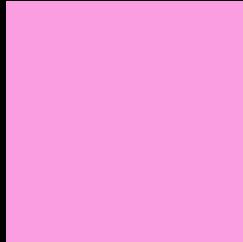
Large Text (above 18pt) WCAG AA × Fail

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 192.8580, 15.8460, 50.9905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

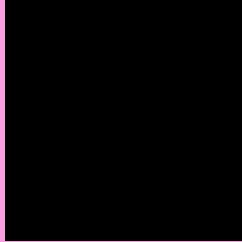
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.8580, 15.8460, 50.9905

Background



This preview shows how black text looks on a background with the YUV color 192.8580, 15.8460, 50.9905.



This preview shows how white text looks on a background with the YUV color 192.8580, 15.8460,

50.9905.

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

192.8580, 15.8460, 50.9905

Protanopia

188.5400, 27.8348, -14.5056

Deuteranopia

190.1970, 14.6929, 0.7042



Tritanopia

191.1030, -5.9668, 47.2677

Trichromacy



Original Color

192.8580, 15.8460, 50.9905



Protanomaly

189.9560, 23.6857, 9.6856



Deuteranomaly

191.1330, 15.2174, 19.1774



Tritanomaly

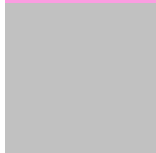
191.8780, 2.0321, 48.3420

Monochromacy



Original Color

192.8580, 15.8460, 50.9905



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.0160, 5.9081, 18.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.8580, 15.8460, 50.9905 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(251, 157, 225)` looks like.

```
.text, #text, p{  
    color:rgb(251, 157, 225)  
}
```

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(251, 157, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 157, 225) }
```

Border

The CSS property to change the border of an element to YUV 192.8580, 15.8460, 50.9905 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(251, 157, 225) }
```


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

```
.border{ border-color:rgb(251, 157, 225) }
```

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

Here you see how a box with a 4 pixel rgb(251, 157, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 157, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 157, 225);  
box-shadow:4px 4px 4px 4px rgb(251, 157,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 192.8580, 15.8460, 50.9905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 157, 225) }
```

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

```
.background{ background-color: rgb(251,  
157, 225) }
```

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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