

Converting Colors

YUV(165.7580, 4.0633, 50.2012)

Have a look what the booklet for
YUV(165.7580, 4.0633, 50.2012)
contains.

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Color

**YUV(165.7580, 4.0633,
50.2012)**

Conversions

Conversions Part 1

Format	Color
Hex	DF87AE
RGB	223, 135, 174
RGB Percent	87%, 53%, 68%
CMY	0.1255, 0.4706, 0.3176
CMYK	0.00, 0.39, 0.22, 0.13
HSL	333°, 58%, 70%
HSV	333°, 39%, 87%
XYZ	46.7354, 36.0719, 44.5438
YIQ	165.7580, 39.9290, 30.7850

Conversions

Conversions Part 2

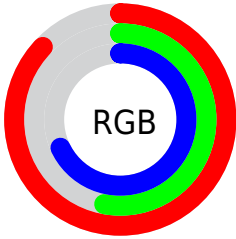
Format	Color
R _Y B	223, 135, 174
Decimal	14649262
CIE Lab	66.57, 38.72, -6.10
CIE LCh	67, 39.196, 351.047
Yxy	36.0719, 0.3670, 0.2832
Android (android.graphics.Color)	4292839342 (0xFFDF87AE)
YUV	165.7580, 4.0633, 50.2012
Hunter-Lab	60.0599, 33.7943, -1.9308

Details

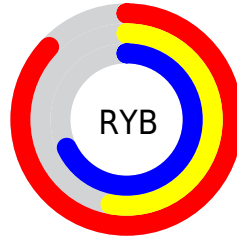
The YUV color **165.7580, 4.0633, 50.2012** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **192.2420, -4.0633, -50.2012**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8810, 7.4537, 36.0614**, and **112.2630, 4.8003, 47.1273** is the 20% darker color. If you saturate the color by 10%, you get **151.4760, 5.1883, 62.7265**, and if you desaturate by 10%, it is **180.0400, 2.9383, 37.6759**.

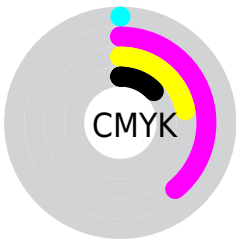
Distribution



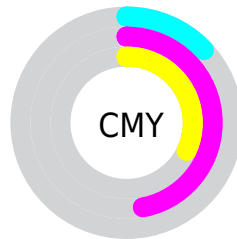
- Red (87%)
- Green (53%)
- Blue (68%)



- Red (87%)
- Yellow (53%)
- Blue (68%)



- Cyan (0%)
- Magenta (39%)
- Yellow (22%)
- Black (13%)




- Cyan (13%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.7580, 4.0633, 50.2012 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 165.7580, 4.0633, 50.2012 by changing the saturation by 10% instead.

 165.7580, 4.0633,
50.2012


 165.7580, 4.0633,
50.2012


255.0000, 0.0000,
0.0000

 138.7470, 4.0687,
48.4569


 213.8810, 7.4537,
36.0614


 112.2630, 4.8003,
47.1273

 233.2810, 10.7075,
19.0476

 86.3660, 5.2426,
45.2830

 250.3040, 2.3151,
4.1184

 60.2950, 6.2636,
44.4683

 32.4030, 9.1683,
46.1276

 21.3600, 4.2595,
33.8873

 11.2910, -4.5805,

22.5468

■ 0.0000, 0.0000,
0.0000

■ 165.7580, 4.0633,
50.2012

■ 165.7580, 4.0633,
50.2012

■ 151.4760, 5.1883,
62.7265

■ 180.0400, 2.9383,
37.6759

■ 136.4930, 6.1660,
75.8666

■ 195.0230, 1.9607,
24.5358

■ 122.2110, 7.2910,
88.3920

■ 209.3050, 0.8356,
12.0105

■ 107.8150, 7.9792,
101.0172

■ 223.7010, 0.1474,
-0.6148

■ 93.5330, 9.1042,
113.5426

■ 238.5700, -1.2670,
-13.6549

■ 78.5500, 10.0819,
126.6826

■ 244.7480, 2.0962,
-19.0730

■ 77.9630, 10.3712,
127.1974

■ 245.4320, 4.7170,
-19.6729

Harmonies

Analogous

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



166.7300, 19.8531, 25.6698



165.7580, 4.0633, 50.2012



163.7470, -12.6933, 58.1039

Triad

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



165.7580, 4.0633, 50.2012



157.2860, -30.7070, 2.3802



128.5230, 43.1262, -112.7147

Complementary

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



165.7580, 4.0633, 50.2012



192.2420, -4.0633, -50.2012

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.



126.8640, 29.1540, -111.2597



165.7580, 4.0633, 50.2012



152.1170, -17.8057, -29.0436

Square

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



165.7580, 4.0633, 50.2012



160.0660, -33.5565, 29.7601



143.3910, 3.2582, -65.2409



151.8490, 39.0214, -55.9956

Rectangle

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



165.7580, 4.0633, 50.2012



162.7930, -22.5759, 54.5555



143.3910, 3.2582, -65.2409



128.0840, 38.9056, -112.3297

Sweetspot

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



165.7580, 4.0633, 50.2012



234.8650, 1.5456, 17.6584



159.3840, 31.3627, 20.7112



116.2940, 0.8411, 10.2662



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.



165.7580, 4.0633, 50.2012



176.9220, 5.4615, 68.4744



163.6600, -14.1294, 52.0412



104.8590, 0.5625, 6.2627



61.5160, 8.1266, 100.4025



16.7460, 2.0972, 27.4098

Inverse Universe

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



165.7580, 4.0633, 50.2012



176.9220, 5.4615, 68.4744



194.3400, 14.1294, -52.0412



104.8590, 0.5625, 6.2627



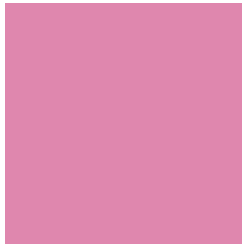
61.5160, 8.1266, 100.4025



16.7460, 2.0972, 27.4098

Previews

White Background



This preview shows how the YUV color 165.7580, 4.0633, 50.2012 looks on a white background.

Color Contrast Check

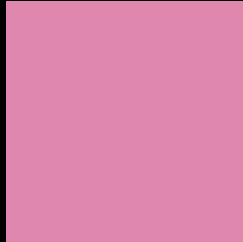
Large Text (above 18pt) WCAG AA × Fail

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 165.7580, 4.0633, 50.2012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

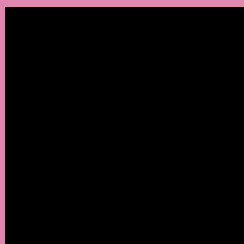
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.7580, 4.0633, 50.2012

Background



This preview shows how black text looks on a background with the YUV color 165.7580, 4.0633, 50.2012.



This preview shows how white text looks on a background with the YUV color 165.7580, 4.0633,

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

165.7580, 4.0633, 50.2012

Protanopia

163.2240, 13.6936, -5.4584

Deuteranopia

163.8640, 3.0250, 9.7663



Tritanopia

164.4730, -7.1352, 48.6972

Trichromacy



Original Color

165.7580, 4.0633, 50.2012

Protanomaly

164.4330, 10.1395, 14.5293

Deuteranomaly

164.3650, 3.2711, 24.2359

Tritanomaly

165.2110, -3.0620, 48.9270

Monochromacy



Original Color

165.7580, 4.0633, 50.2012

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1640, 1.3981, 18.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7580, 4.0633, 50.2012 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(223, 135, 174)` looks like.

```
.text, #text, p{  
    color:rgb(223, 135, 174)  
}
```

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(223, 135, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 135, 174) }
```

Border

The CSS property to change the border of an element to YUV 165.7580, 4.0633, 50.2012 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(223, 135, 174) }
```


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

```
.border{ border-color:rgb(223, 135, 174) }
```

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

Here you see how a box with a 4 pixel rgb(223, 135, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 135, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 135, 174);  
box-shadow:4px 4px 4px 4px rgb(223, 135,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 165.7580, 4.0633, 50.2012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 135, 174) }
```

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

```
.background{ background-color: rgb(223,  
135, 174) }
```

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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