

Converting Colors

YUV(165.0030, 2.4635, 49.9864)

Have a look what the booklet for
YUV(165.0030, 2.4635, 49.9864)
contains.

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Color

**YUV(165.0030, 2.4635,
49.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	DE87AA
RGB	222, 135, 170
RGB Percent	87%, 53%, 67%
CMY	0.1294, 0.4706, 0.3333
CMYK	0.00, 0.39, 0.23, 0.13
HSL	336°, 57%, 70%
HSV	336°, 39%, 87%
XYZ	46.0439, 35.7598, 42.5058
YIQ	165.0030, 40.6170, 29.3290

Conversions

Conversions Part 2

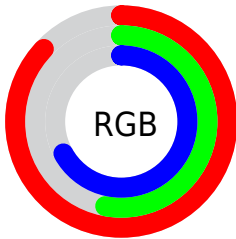
Format	Color
R _Y B	222, 135, 170
Decimal	14583722
CIE Lab	66.34, 37.79, -4.21
CIE LCh	66, 38.026, 353.641
Yxy	35.7598, 0.3704, 0.2877
Android (android.graphics.Color)	4292773802 (0xFFDE87AA)
YUV	165.0030, 2.4635, 49.9864
Hunter-Lab	59.7995, 32.7906, -0.2839

Details

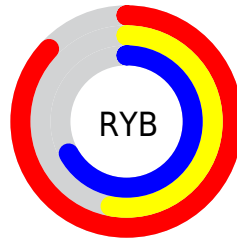
The YUV color **165.0030, 2.4635, 49.9864** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.9970, -2.4635, -49.9864**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4250, 5.7065, 36.4613**, and **111.5080, 3.2006, 46.9125** is the 20% darker color. If you saturate the color by 10%, you get **150.6070, 3.1517, 62.6117**, and if you desaturate by 10%, it is **179.3990, 1.7753, 37.3611**.

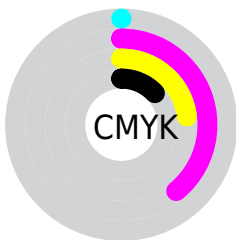
Distribution



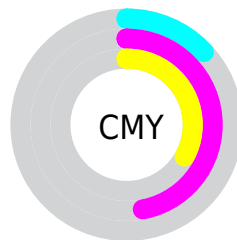
- Red (87%)
- Green (53%)
- Blue (67%)



- Red (87%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.0030, 2.4635, 49.9864 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 165.0030, 2.4635, 49.9864 by changing the saturation by 10% instead.

165.0030, 2.4635,
49.9864

165.0030, 2.4635,
49.9864

255.0000, 0.0000,
0.0000

138.1060, 2.9057,
48.1420

213.4250, 5.7065,
36.4613

111.5080, 3.2006,
46.9125

233.1670, 10.2707,
19.1475

85.6110, 3.6428,
45.0682

250.3040, 2.3151,
4.1184

60.2410, 4.8112,
43.6386

32.2350, 7.2791,
45.3979

20.7190, 3.0965,
33.5724

10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 165.0030, 2.4635,
49.9864

■ 165.0030, 2.4635,
49.9864

■ 150.6070, 3.1517,
62.6117

■ 179.3990, 1.7753,
37.3611

■ 136.0970, 3.4032,
75.3369

■ 193.9090, 1.5239,
24.6358

■ 121.1140, 4.3808,
88.4770

■ 208.8920, 0.5462,
11.4957

■ 106.7180, 5.0690,
101.1023

■ 223.2880, -0.1420,
-1.1296

■ 92.3220, 5.7573,
113.7276

■ 237.6840, -0.8302,
-13.7549

■ 77.8120, 6.0087,
126.4529

■ 244.5630, 2.6804,
-19.7878

■ 76.5240, 6.1507,
127.5825

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



165.8720, 17.8111, 27.2993



165.0030, 2.4635, 49.9864



163.2090, -13.4140, 55.9447

Triad

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



165.0030, 2.4635, 49.9864



156.3180, -29.2438, -0.2789



132.6170, 40.6148, -100.5191

Complementary

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



165.0030, 2.4635, 49.9864



191.9970, -2.4635, -49.9864

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.



126.3910, 29.8802, -110.8449



165.0030, 2.4635, 49.9864



151.0890, -15.3269, -30.7731

Square

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



165.0030, 2.4635, 49.9864



159.5710, -32.8195, 26.6862



142.8470, 5.0054, -65.6408



153.1380, 37.4000, -49.2330

Rectangle

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



165.0030, 2.4635, 49.9864



162.0700, -22.7125, 51.6816



142.8470, 5.0054, -65.6408



127.4970, 39.1950, -111.8149

Sweetspot

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



165.0030, 2.4635, 49.9864



234.7510, 1.1088, 17.7584



160.1670, 30.4837, 22.6555



116.1800, 0.4043, 10.3661



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.



165.0030, 2.4635, 49.9864



176.3520, 3.2775, 68.9743



165.1220, -14.8501, 49.8820



104.7450, 0.1257, 6.3626



60.7180, 5.0690, 101.1023



16.5180, 1.2236, 27.6097

Inverse Universe

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



165.0030, 2.4635, 49.9864



176.3520, 3.2775, 68.9743



191.8780, 14.8501, -49.8820



104.7450, 0.1257, 6.3626



60.7180, 5.0690, 101.1023



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 165.0030, 2.4635, 49.9864 looks on a white background.

Color Contrast Check

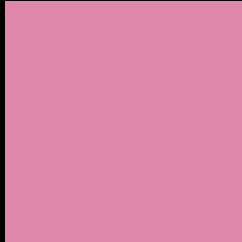
Large Text (above 18pt) WCAG AA × Fail

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 165.0030, 2.4635, 49.9864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

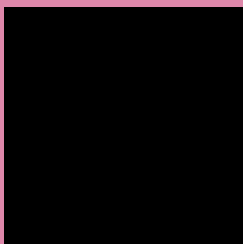
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.0030, 2.4635, 49.9864

Background



This preview shows how black text looks on a background with the YUV color 165.0030, 2.4635, 49.9864.



This preview shows how white text looks on a background with the YUV color 165.0030, 2.4635,

49.9864.

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

165.0030, 2.4635, 49.9864

Protanopia

162.0670, 11.7990, -4.4438

Deuteranopia

163.4080, 1.2779, 10.1662



Tritanopia

164.3590, -7.5720, 48.7972

Trichromacy



Original Color

165.0030, 2.4635, 49.9864

Protanomaly

163.2760, 8.2449, 15.5439

Deuteranomaly

163.9090, 1.5239, 24.6358

Tritanomaly

164.9830, -3.9356, 49.1269

Monochromacy



Original Color

165.0030, 2.4635, 49.9864

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0500, 0.9613, 18.3731

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0030, 2.4635, 49.9864 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(222, 135, 170)` looks like.

```
.text, #text, p{  
    color:rgb(222, 135, 170)  
}
```

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(222, 135, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 135, 170) }
```

Border

The CSS property to change the border of an element to YUV 165.0030, 2.4635, 49.9864 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(222, 135, 170) }
```


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

```
.border{ border-color:rgb(222, 135, 170) }
```

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

Here you see how a box with a 4 pixel rgb(222, 135, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 135, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 135, 170);  
box-shadow:4px 4px 4px 4px rgb(222, 135,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 165.0030, 2.4635, 49.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 135, 170) }
```

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

```
.background{ background-color: rgb(222,  
135, 170) }
```

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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