

Converting Colors

YUV(165.1640, 28.5131,
48.0912)

Have a look what the booklet for
YUV(165.1640, 28.5131, 48.0912)
contains.

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Color

**YUV(165.1640, 28.5131,
48.0912)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7EDF
RGB	220, 126, 223
RGB Percent	86%, 49%, 87%
CMY	0.1373, 0.5059, 0.1255
CMYK	0.01, 0.43, 0.00, 0.13
HSL	298°, 60%, 68%
HSV	298°, 43%, 87%
XYZ	50.2953, 35.4651, 74.0066
YIQ	165.1640, 24.8870, 50.0950

Conversions

Conversions Part 2

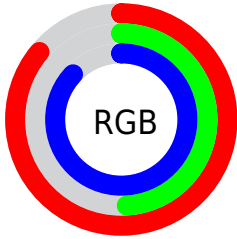
Format	Color
R _{YB}	220, 126, 223
Decimal	14450399
CIE _{Lab}	66.11, 50.50, -34.28
CIE _{LCh}	66, 61.037, 325.833
Yxy	35.4651, 0.3148, 0.2220
Android (android.graphics.Color)	4292640479 (0xFFDC7EDF)
YUV	165.1640, 28.5131, 48.0912
Hunter-Lab	59.5526, 46.5359, -31.9936

Details

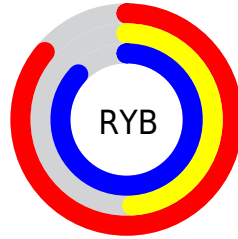
The YUV color $165.1640, 28.5131, 48.0912$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $183.8360, -28.5131, -48.0912$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $211.5620, 21.4149, 38.0951$, and $110.6260, 27.7924, 45.9320$ is the 20% darker color. If you saturate the color by 10%, you get $151.9510, 35.0272, 58.8020$, and if you desaturate by 10%, it is $178.3770, 21.9991, 37.3804$.

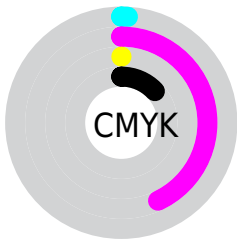
Distribution



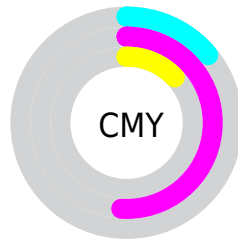
- Red (86%)
- Green (49%)
- Blue (87%)



- Red (86%)
- Yellow (49%)
- Blue (87%)



- Cyan (1%)
- Magenta (43%)
- Yellow (0%)
- Black (13%)





- Cyan (14%)
- Magenta (51%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.1640, 28.5131, 48.0912 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 165.1640, 28.5131, 48.0912 by changing the saturation by 10% instead.

 165.1640, 28.5131,
48.0912


 165.1640, 28.5131,
48.0912


255.0000, 0.0000,
0.0000


 137.4520, 28.3712,
46.9616

 211.5620, 21.4149,
38.0951


 110.6260, 27.7924,
45.9320


 227.9980, 13.3120,
23.6808

 83.4410, 28.3766,
45.2172

 245.0210, 4.9196,
8.7516

 54.2070, 29.9709,
47.1765

 34.7780, 27.2244,
41.4137

 24.2680, 20.5739,
27.8290

 14.7690, 13.9179,

15.9886

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 165.1640, 28.5131,
48.0912

■ 165.1640, 28.5131,
48.0912

■ 151.9510, 35.0272,
58.8020

■ 178.3770, 21.9991,
37.3804

■ 138.4500, 41.6832,
70.6424

■ 191.8780, 15.3431,
25.5400

■ 125.2370, 48.1972,
81.3532

■ 205.0910, 8.8291,
14.8292

■ 112.0240, 54.7112,
92.0640

■ 218.3040, 2.3151,
4.1184

■ 99.1100, 61.0778,
103.3895

■ 231.8050, -4.3409,
-7.7220

■ 90.0060, 65.5660,
110.4967

■ 242.0830, -9.4079,
-15.8588

■ 242.3820, -9.5553,
-15.2440

■ 242.6810, -9.7027,
-14.6292

Harmonies

Analogous

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



160.7850, 46.4480, -11.2124



165.1640, 28.5131, 48.0912



160.3090, 5.2707, 83.0440

Triad

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



165.1640, 28.5131, 48.0912



154.3770, -55.4019, 36.5034



133.3670, 36.3011, -116.9629

Complementary

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



165.1640, 28.5131, 48.0912



183.8360, -28.5131, -48.0912

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.



126.9830, 11.8404, -111.3641



165.1640, 28.5131, 48.0912



149.7630, -47.7042, -5.9312

Square

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



165.1640, 28.5131, 48.0912



157.5010, -43.1380, 69.7206



138.4090, -20.9076, -60.8717



134.8610, 57.2565, -118.2731

Rectangle

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



165.1640, 28.5131, 48.0912



156.6780, -11.1803, 86.2284



138.4090, -20.9076, -60.8717



131.3150, 28.4387, -115.1633

Sweetspot

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



165.1640, 28.5131, 48.0912



235.3300, 9.6973, 16.3736



138.8190, 41.5012, -11.2423



115.3740, 6.2246, 10.1960



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.



165.1640, 28.5131, 48.0912



175.7330, 39.0786, 66.0092



160.9310, 8.4150, 54.4345



105.5430, 3.1833, 5.6628



71.1930, 51.6699, 87.5307



19.5250, 14.0382, 24.0956

Inverse Universe

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



155.3450, -12.9881, 59.3334



162.3370, -17.4211, 81.2655



188.0690, -8.4150, -54.4345



104.2890, -1.6215, 6.7625



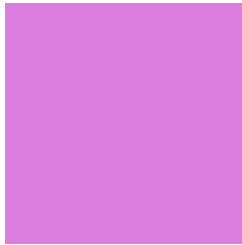
53.1940, -23.7596, 107.7009



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 165.1640, 28.5131, 48.0912 looks on a white background.

Color Contrast Check

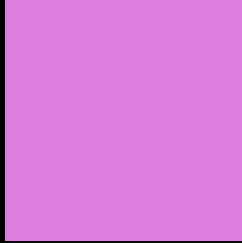
Large Text (above 18pt) WCAG AA × Fail

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 165.1640, 28.5131, 48.0912 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 165.1640, 28.5131, 48.0912

Background



This preview shows how black text looks on a background with the YUV color 165.1640, 28.5131, 48.0912.



This preview shows how white text looks on a background with the YUV color 165.1640, 28.5131,

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

165.1640, 28.5131, 48.0912

Protanopia

159.4040, 44.1708, -27.5413

Deuteranopia

161.4260, 27.3980, -14.4056



Tritanopia

163.8850, -5.3663, 41.3199

Trichromacy



Original Color

165.1640, 28.5131, 48.0912



Protanomaly

161.2010, 38.8479, -0.1763



Deuteranomaly

162.6830, 27.7643, 8.1710



Tritanomaly

164.1100, 6.8478, 43.7535

Monochromacy



Original Color

165.1640, 28.5131, 48.0912



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.1560, 10.2761, 17.4032

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1640, 28.5131, 48.0912 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(220, 126, 223)` looks like.

```
.text, #text, p{  
    color:rgb(220, 126, 223)  
}
```

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(220, 126, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 126, 223) }
```

Border

The CSS property to change the border of an element to YUV 165.1640, 28.5131, 48.0912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

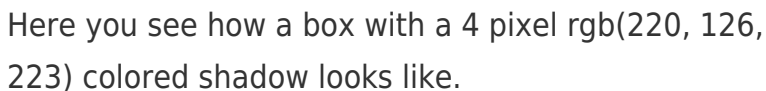
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 126, 223) }
```


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

```
.border{ border-color:rgb(220, 126, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 126, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 126, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 126, 223);  
box-shadow:4px 4px 4px 4px rgb(220, 126,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 165.1640, 28.5131, 48.0912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 126, 223) }
```

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

```
.background{ background-color: rgb(220,  
126, 223) }
```

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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