

Converting Colors

YUV(165.8870, 28.6497,
50.9651)

Have a look what the booklet for
YUV(165.8870, 28.6497, 50.9651)
contains.

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Color

**YUV(165.8870, 28.6497,
50.9651)**

Conversions

Conversions Part 1

Format	Color
Hex	E07DE0
RGB	224, 125, 224
RGB Percent	88%, 49%, 88%
CMY	0.1216, 0.5098, 0.1216
CMYK	0.00, 0.44, 0.00, 0.12
HSL	300°, 61%, 68%
HSV	300°, 44%, 88%
XYZ	51.5286, 35.8963, 74.7338
YIQ	165.8870, 27.2250, 51.7770

Conversions

Conversions Part 2

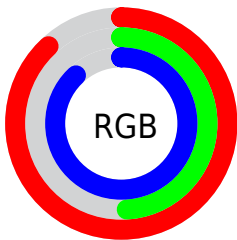
Format	Color
RYB	224, 125, 224
Decimal	14712288
CIELab	66.44, 52.35, -34.28
CIELCh	66, 62.577, 326.782
Yxy	35.8963, 0.3178, 0.2214
Android (android.graphics.Color)	4292902368 (0xFFE07DE0)
YUV	165.8870, 28.6497, 50.9651
Hunter-Lab	59.9136, 48.6701, -32.0165

Details

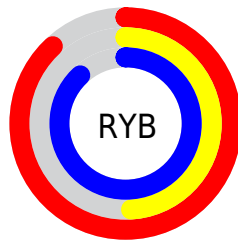
The YUV color **165.8870, 28.6497, 50.9651** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **183.1130, -28.6497, -50.9651**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9750, 21.7043, 38.6099**, and **111.3490, 27.9289, 48.8059** is the 20% darker color. If you saturate the color by 10%, you get **152.9730, 35.0163, 62.2907**, and if you desaturate by 10%, it is **178.8010, 22.2831, 39.6395**.

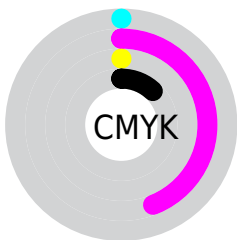
Distribution



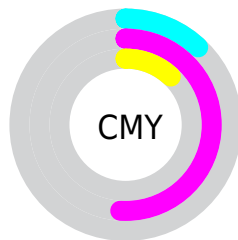
- Red (88%)
- Green (49%)
- Blue (88%)



- Red (88%)
- Yellow (49%)
- Blue (88%)



- Cyan (0%)
- Magenta (44%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (51%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8870, 28.6497, 50.9651 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 165.8870, 28.6497, 50.9651 by changing the saturation by 10% instead.

165.8870, 28.6497,
50.9651

165.8870, 28.6497,
50.9651

255.0000, 0.0000,
0.0000

138.1750, 28.5077,
49.8355

210.9750, 21.7043,
38.6099

111.3490, 27.9289,
48.8059

227.9980, 13.3120,
23.6808

83.5770, 28.8025,
48.6060

245.0210, 4.9196,
8.7516

52.5820, 31.2651,
52.1096

35.7890, 27.2190,
43.1580

25.2790, 20.5685,
29.5733

15.7800, 13.9125,

17.7329

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 165.8870, 28.6497,
50.9651

■ 165.8870, 28.6497,
50.9651

■ 152.9730, 35.0163,
62.2907

■ 178.8010, 22.2831,
39.6395

■ 139.4720, 41.6723,
74.1311

■ 192.3020, 15.6271,
27.7991

■ 126.5580, 48.0389,
85.4566

■ 205.2160, 9.2605,
16.4736

■ 113.0570, 54.6949,
97.2970

■ 218.7170, 2.6045,
4.6332

■ 100.1430, 61.0615,
108.6226

■ 231.6310, -3.7621,
-6.6924

■ 92.5120, 64.8236,
115.3150

■ 242.1970, -8.9711,
-15.9588

Harmonies

Analogous

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



161.6820, 46.0058, -9.3681



165.8870, 28.6497, 50.9651



159.6080, 5.1233, 83.6588

Triad

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



165.8870, 28.6497, 50.9651



155.0950, -57.7278, 35.8737



134.4100, 37.7589, -117.8776

Complementary

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



165.8870, 28.6497, 50.9651



183.1130, -28.6497, -50.9651

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.



127.7980, 12.4246, -112.0788



165.8870, 28.6497, 50.9651



149.6380, -48.1355, -7.5755

Square

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



165.8870, 28.6497, 50.9651



158.0450, -44.8852, 70.1205



137.0170, -19.7284, -65.7899



136.4910, 58.4249, -119.7026

Rectangle

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



165.8870, 28.6497, 50.9651



155.8630, -11.7645, 86.9431



137.0170, -19.7284, -65.7899



132.8310, 29.1703, -116.4928

Sweetspot

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



165.8870, 28.6497, 50.9651



235.6290, 9.5499, 16.9884



136.2860, 43.2430, -9.8978



115.6730, 6.0772, 10.8108



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.



165.8870, 28.6497, 50.9651



175.7550, 39.0678, 69.4979



160.1870, 6.8098, 55.9640



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Inverse Universe

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



165.8870, 28.6497, 50.9651



175.7550, 39.0678, 69.4979



188.6990, -7.2466, -55.8640



105.5430, 3.1833, 5.6628



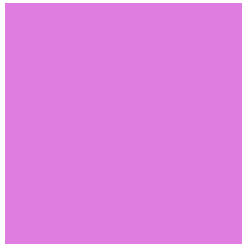
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 165.8870, 28.6497, 50.9651 looks on a white background.

Color Contrast Check

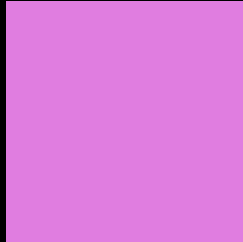
Large Text (above 18pt) WCAG AA × Fail

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 165.8870, 28.6497, 50.9651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

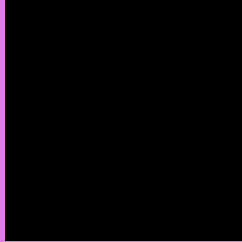
Any Text WCAG AA ✓ Pass

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 165.8870, 28.6497, 50.9651 Background



This preview shows how black text looks on a background with the YUV color 165.8870, 28.6497, 50.9651.



This preview shows how white text looks on a background with the YUV color 165.8870, 28.6497, 50.9651.

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

165.8870, 28.6497, 50.9651

Protanopia

160.3330, 45.1918, -28.3560

Deuteranopia

162.4260, 27.3980, -14.4056



Tritanopia

164.3800, -6.1033, 44.3937

Trichromacy



Original Color

165.8870, 28.6497, 50.9651



Protanomaly

162.6140, 39.1373, 0.3385



Deuteranomaly

163.3950, 27.9063, 9.3006



Tritanomaly

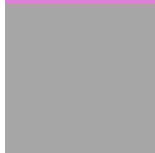
164.7190, 6.5475, 46.7274

Monochromacy



Original Color

165.8870, 28.6497, 50.9651



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.8680, 10.4181, 18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8870, 28.6497, 50.9651 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(224, 125, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 125, 224)  
}
```

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(224, 125, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 125, 224) }
```

Border

The CSS property to change the border of an element to YUV 165.8870, 28.6497, 50.9651 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(224, 125, 224) }
```


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

```
.border{ border-color:rgb(224, 125, 224) }
```

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

Here you see how a box with a 4 pixel rgb(224, 125, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 125, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 125, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 125,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 165.8870, 28.6497, 50.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 125, 224) }
```

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

```
.background{ background-color: rgb(224,  
125, 224) }
```

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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