

Converting Colors

YUV(176.8250, 12.4113,
32.6025)

Have a look what the booklet for
YUV(176.8250, 12.4113, 32.6025)
contains.

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Color

**YUV(176.8250, 12.4113,
32.6025)**

Conversions

Conversions Part 1

Format	Color
Hex	D699CA
RGB	214, 153, 202
RGB Percent	84%, 60%, 79%
CMY	0.1608, 0.4000, 0.2078
CMYK	0.00, 0.29, 0.06, 0.16
HSL	312°, 43%, 72%
HSV	312°, 29%, 84%
XYZ	49.7835, 41.3429, 61.2332
YIQ	176.8250, 20.6270, 28.1710

Conversions

Conversions Part 2

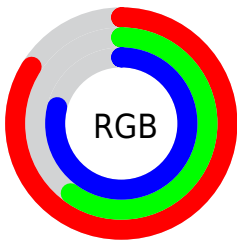
Format	Color
RYB	214, 153, 202
Decimal	14064074
CIELab	70.42, 30.56, -16.09
CIELCh	70, 34.541, 332.232
Yxy	41.3429, 0.3267, 0.2714
Android (android.graphics.Color)	4292254154 (0xFFD699CA)
YUV	176.8250, 12.4113, 32.6025
Hunter-Lab	64.2984, 25.6825, -11.4547

Details

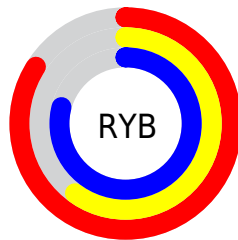
The YUV color **176.8250, 12.4113, 32.6025** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **190.1750, -12.4113, -32.6025**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4110, 13.6014, 24.1956**, and **123.4010, 12.1273, 30.3433** is the 20% darker color. If you saturate the color by 10%, you get **164.0420, 16.7413, 43.8132**, and if you desaturate by 10%, it is **189.6080, 8.0813, 21.3918**.

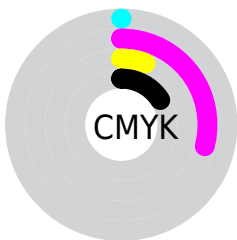
Distribution



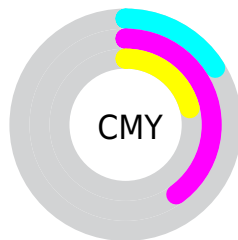
- Red (84%)
- Green (60%)
- Blue (79%)



- Red (84%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (29%)
- Yellow (6%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.8250, 12.4113, 32.6025 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 176.8250, 12.4113, 32.6025 by changing the saturation by 10% instead.


 176.8250, 12.4113,
32.6025

 176.8250, 12.4113,
32.6025


255.0000, 0.0000,
0.0000


 150.1130, 12.2693,
31.4729


 227.4110, 13.6014,
24.1956


 123.4010, 12.1273,
30.3433

 243.8470, 5.4984,
9.7812

 97.9880, 11.8379,
29.8285

 73.2760, 11.6959,
28.6989

 49.5640, 11.5539,
27.5694

 24.9060, 12.8643,
27.2694

 14.7820, 7.5025,

20.3622

■ 0.0000, 0.0000,
0.0000

■ 176.8250, 12.4113,
32.6025

■ 176.8250, 12.4113,
32.6025

■ 164.0420, 16.7413,
43.8132

■ 189.6080, 8.0813,
21.3918

■ 150.6720, 21.3607,
55.5387

■ 202.9780, 3.4618,
9.6663

■ 137.7750, 25.2539,
66.8493

■ 215.8750, -0.4314,
-1.6444

■ 124.4050, 29.8733,
78.5748

■ 229.2450, -5.0508,
-13.3699

■ 111.6220, 34.2034,
89.7855

■ 239.0930, -7.9338,
-22.0066

■ 98.8390, 38.5334,
100.9962

■ 239.5490, -6.1867,
-22.4065

■ 85.4690, 43.1528,
112.7217

■ 240.0050, -4.4395,
-22.8064

■ 83.5940, 43.5842,
114.3661

■ 240.5750, -2.2555,
-23.3063

■ 241.0310, -0.5083,
-23.7062

Harmonies

Analogous

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



174.8520, 24.7230, 3.6378



176.8250, 12.4113, 32.6025



175.7380, -2.3358, 49.3418

Triad

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



176.8250, 12.4113, 32.6025



169.9120, -30.0296, 18.4942



151.0680, 26.5885, -81.6206

Complementary

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



176.8250, 12.4113, 32.6025



190.1750, -12.4113, -32.6025

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.



155.2970, 9.2206, -64.2815



176.8250, 12.4113, 32.6025



166.3540, -23.8385, -7.3265

Square

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



176.8250, 12.4113, 32.6025



172.1410, -27.1845, 39.3413



162.1360, -9.9270, -36.0763



158.1160, 33.9598, -65.8767

Rectangle

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



176.8250, 12.4113, 32.6025



174.5290, -12.0928, 52.1561



162.1360, -9.9270, -36.0763



151.7110, 21.3415, -78.6765

Sweetspot

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



176.8250, 12.4113, 32.6025



240.9290, 4.4720, 12.3403



163.2430, 25.0232, 0.6639



118.8530, 3.0305, 8.0219



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.



176.8250, 12.4113, 32.6025



201.9930, 17.7515, 46.4871



173.4050, -0.6927, 35.6018



100.3150, 2.3097, 5.8627



66.7470, 34.6347, 91.4299



16.8470, 8.9494, 22.9362

Inverse Universe

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



176.8250, 12.4113, 32.6025



201.9930, 17.7515, 46.4871



193.5950, 0.6927, -35.6018



100.3150, 2.3097, 5.8627



66.7470, 34.6347, 91.4299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 176.8250, 12.4113, 32.6025 looks on a white background.

Color Contrast Check

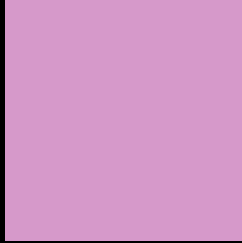
Large Text (above 18pt) WCAG AA × Fail

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 176.8250, 12.4113, 32.6025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

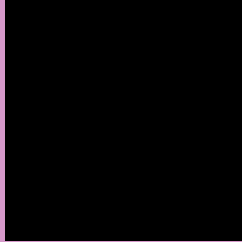
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.8250, 12.4113, 32.6025

Background



This preview shows how black text looks on a background with the YUV color 176.8250, 12.4113, 32.6025.



This preview shows how white text looks on a background with the YUV color 176.8250, 12.4113,

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

176.8250, 12.4113, 32.6025

Protanopia

173.2110, 20.1090, -9.8320

Deuteranopia

174.2250, 12.2141, 2.4337



Tritanopia

175.6170, -2.2762, 30.1539

Trichromacy



Original Color

176.8250, 12.4113, 32.6025



Protanomaly

174.3270, 17.5868, 5.8522



Deuteranomaly

175.2910, 12.1815, 12.8998



Tritanomaly

175.9960, 2.9600, 30.6985

Monochromacy



Original Color

176.8250, 12.4113, 32.6025



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.6300, 4.6194, 11.7255

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8250, 12.4113, 32.6025 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(214, 153, 202)` looks like.

```
.text, #text, p{  
    color:rgb(214, 153, 202)  
}
```

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(214, 153, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 153, 202) }
```

Border

The CSS property to change the border of an element to YUV 176.8250, 12.4113, 32.6025 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(214, 153, 202) }
```


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

```
.border{ border-color:rgb(214, 153, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 153, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 153, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 153, 202);  
box-shadow:4px 4px 4px 4px rgb(214, 153,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 176.8250, 12.4113, 32.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 153, 202) }
```

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

```
.background{ background-color: rgb(214,  
153, 202) }
```

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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