

Converting Colors

YUV(176.3230, 0.3338, 33.0427)

Have a look what the booklet for
YUV(176.3230, 0.3338, 33.0427)
contains.

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Color

**YUV(176.3230, 0.3338,
33.0427)**

Conversions

Conversions Part 1

Format	Color
Hex	D69DB1
RGB	214, 157, 177
RGB Percent	84%, 62%, 69%
CMY	0.1608, 0.3843, 0.3059
CMYK	0.00, 0.27, 0.17, 0.16
HSL	339°, 41%, 73%
HSV	339°, 27%, 84%
XYZ	47.7243, 41.5844, 47.1062
YIQ	176.3230, 27.5520, 18.3040

Conversions

Conversions Part 2

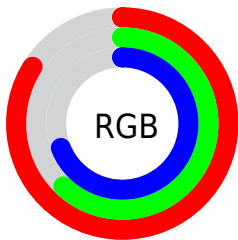
Format	Color
RYB	214, 157, 177
Decimal	14065073
CIELab	70.58, 24.20, -1.98
CIELCh	71, 24.285, 355.318
Yxy	41.5844, 0.3498, 0.3048
Android (android.graphics.Color)	4292255153 (0xFFD69DB1)
YUV	176.3230, 0.3338, 33.0427
Hunter-Lab	64.4860, 19.2526, 1.8296

Details

The YUV color $176.3230, 0.3338, 33.0427$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $194.6770, -0.3338, -33.0427$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.2510, 2.8343, 24.3359$, and $123.0130, 0.4866, 30.6836$ is the 20% darker color. If you saturate the color by 10%, you get $162.4000, 0.2958, 45.2532$, and if you desaturate by 10%, it is $190.2460, 0.3717, 20.8323$.

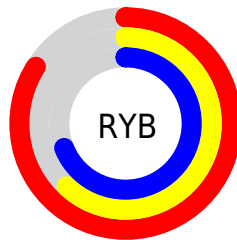
Distribution



Red (84%)

Green (62%)

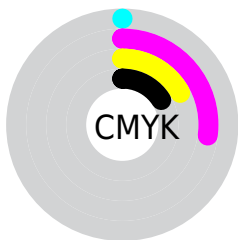
Blue (69%)



Red (84%)

Yellow (62%)

Blue (69%)

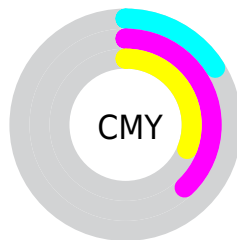


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (16%)



Cyan (16%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.3230, 0.3338, 33.0427 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 176.3230, 0.3338, 33.0427 by changing the saturation by 10% instead.


 176.3230, 0.3338,
33.0427


 176.3230, 0.3338,
33.0427


255.0000, 0.0000,
0.0000

 149.6110, 0.1918,
31.9132


 227.2510, 2.8343,
24.3359

 123.0130, 0.4866,
30.6836

 246.1950, 4.3409,
7.7220

 98.4150, 0.7814,
29.4540

 73.8170, 1.0762,
28.2245

 50.2190, 1.3710,
26.9949

 26.8490, 2.5394,
25.5654

 12.2740, -2.1071,

22.5617

■ 0.0000, 0.0000,
0.0000

■ 176.3230, 0.3338,
33.0427

■ 176.3230, 0.3338,
33.0427

■ 162.4000, 0.2958,
45.2532

■ 190.2460, 0.3717,
20.8323

■ 147.8900, 0.5472,
57.9785

■ 204.7560, 0.1203,
8.1070

■ 133.9670, 0.5093,
70.1889

■ 218.6790, 0.1583,
-4.1035

■ 119.4570, 0.7607,
82.9142

■ 233.1890, -0.0932,
-16.8288

■ 105.6480, 1.1595,
95.0247

■ 241.7150, 2.1125,
-24.3061

■ 91.7250, 1.1216,
107.2352

■ 242.7410, 6.0437,
-25.2059

■ 77.2150, 1.3730,
119.9604

■ 72.5360, 1.2148,
124.0639

Harmonies

Analogous

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



176.2810, 10.7075, 19.0476



176.3230, 0.3338, 33.0427



175.5980, -10.1548, 37.1866

Triad

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



176.3230, 0.3338, 33.0427



169.4780, -18.4767, -0.4192



165.2300, 21.0856, -43.1747

Complementary

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



176.3230, 0.3338, 33.0427



194.6770, -0.3338, -33.0427

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.



162.9600, 13.8237, -47.3229



176.3230, 0.3338, 33.0427



166.6480, -9.6865, -19.8623

Square

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



176.3230, 0.3338, 33.0427



171.9040, -21.1517, 17.6242



163.9260, 2.0085, -37.6461



170.0950, 22.6312, -25.5163

Rectangle

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



176.3230, 0.3338, 33.0427



174.6810, -16.1117, 34.4828



163.9260, 2.0085, -37.6461



163.7520, 19.3493, -46.2635

Sweetspot

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



176.3230, 0.3338, 33.0427



241.7780, 0.1094, 11.5957



174.2620, 19.5908, 16.4332



119.3430, -0.1691, 7.5922



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.



176.3230, 0.3338, 33.0427



200.8240, 0.5798, 47.5124



178.7390, -10.7173, 30.9239



99.7450, 0.1257, 6.3626



57.9690, 1.0013, 99.1282



14.5670, 0.2135, 24.9357

Inverse Universe

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



176.3230, 0.3338, 33.0427



200.8240, 0.5798, 47.5124



192.2610, 10.7173, -30.9239



99.7450, 0.1257, 6.3626



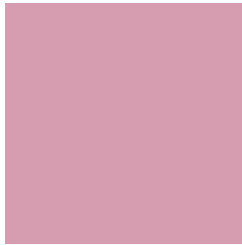
57.9690, 1.0013, 99.1282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 176.3230, 0.3338, 33.0427 looks on a white background.

Color Contrast Check

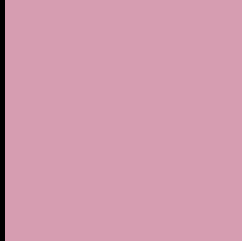
Large Text (above 18pt) WCAG AA × Fail

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 176.3230, 0.3338, 33.0427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

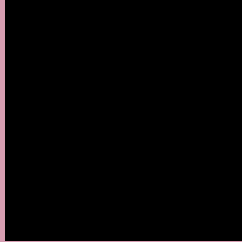
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.3230, 0.3338, 33.0427

Background



This preview shows how black text looks on a background with the YUV color 176.3230, 0.3338, 33.0427.



This preview shows how white text looks on a background with the YUV color 176.3230, 0.3338,

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

176.3230, 0.3338, 33.0427

Protanopia

173.5960, 6.1152, -1.3997

Deuteranopia

175.0770, -0.0380, 12.2105



Tritanopia

175.8130, -2.8658, 32.6130

Trichromacy



Original Color

176.3230, 0.3338, 33.0427

Protanomaly

174.8040, 4.0406, 10.6959

Deuteranomaly

175.5340, 0.2297, 19.7027

Tritanomaly

176.1550, -1.5554, 32.3131

Monochromacy



Original Color

176.3230, 0.3338, 33.0427

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.0770, -0.0380, 12.2105

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.3230, 0.3338, 33.0427 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, 157, 177)` looks like.

```
.text, #text, p{  
    color:rgb(214, 157, 177)  
}
```

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, 157, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 157, 177) }
```

Border

The CSS property to change the border of an element to YUV 176.3230, 0.3338, 33.0427 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, 157, 177) }
```


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

```
.border{ border-color:rgb(214, 157, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 157, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 157, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 157, 177);  
box-shadow:4px 4px 4px 4px rgb(214, 157,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 176.3230, 0.3338, 33.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 157, 177) }
```

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

```
.background{ background-color: rgb(214,  
157, 177) }
```

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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