

Converting Colors

YUV(163.3640, 28.4145,
33.0068)

Have a look what the booklet for
YUV(163.3640, 28.4145, 33.0068)
contains.

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Color

**YUV(163.3640, 28.4145,
33.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	C985DD
RGB	201, 133, 221
RGB Percent	79%, 52%, 87%
CMY	0.2118, 0.4784, 0.1333
CMYK	0.09, 0.40, 0.00, 0.13
HSL	286°, 56%, 69%
HSV	286°, 40%, 87%
XYZ	45.5261, 34.4130, 72.6495
YIQ	163.3640, 12.2800, 41.7840

Conversions

Conversions Part 2

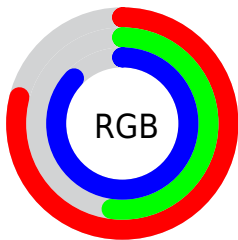
Format	Color
R _Y B	201, 133, 221
Decimal	13207005
CIE Lab	65.29, 40.83, -34.61
CIE LCh	65, 53.523, 319.710
Yxy	34.4130, 0.2984, 0.2255
Android (android.graphics.Color)	4291397085 (0xFFC985DD)
YUV	163.3640, 28.4145, 33.0068
Hunter-Lab	58.6626, 35.8682, -32.3626

Details

The YUV color **163.3640, 28.4145, 33.0068** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **190.6360, -28.4145, -33.0068**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0840, 19.6786, 35.0063**, and **109.8260, 27.6938, 30.8476** is the 20% darker color. If you saturate the color by 10%, you get **148.9550, 35.5182, 41.2585**, and if you desaturate by 10%, it is **177.7730, 21.3109, 24.7551**.

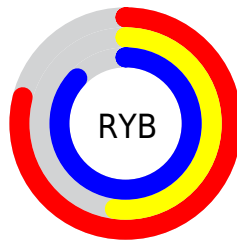
Distribution



Red (79%)

Green (52%)

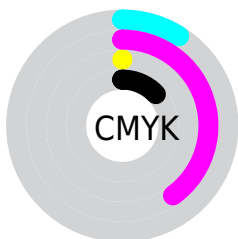
Blue (87%)



Red (79%)

Yellow (52%)

Blue (87%)

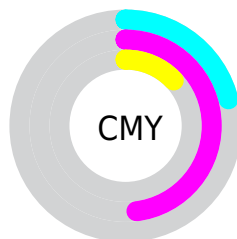


Cyan (9%)

Magenta (40%)

Yellow (0%)

Black (13%)



Cyan (21%)

Magenta (48%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3640, 28.4145, 33.0068 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 163.3640, 28.4145, 33.0068 by changing the saturation by 10% instead.

163.3640, 28.4145,
33.0068

163.3640, 28.4145,
33.0068

255.0000, 0.0000,
0.0000

136.5380, 27.8358,
31.9772

215.0840, 19.6786,
35.0063

109.8260, 27.6938,
30.8476

231.5200, 11.5756,
20.5920

84.8860, 26.6782,
29.9180

248.5430, 3.1833,
5.6628

59.4730, 26.3888,
29.4032

31.8260, 27.6938,
30.8476

20.1530, 21.6166,
20.0368

9.8710, 15.8396,

6.2521

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 163.3640, 28.4145,
33.0068

■ 163.3640, 28.4145,
33.0068

■ 148.9550, 35.5182,
41.2585

■ 177.7730, 21.3109,
24.7551

■ 134.5460, 42.6218,
49.5102

■ 192.1820, 14.2073,
16.5034

■ 120.1370, 49.7255,
57.7619

■ 206.5910, 7.1036,
8.2517

■ 105.7280, 56.8291,
66.0135

■ 221.0000, 0.0000,
0.0000

90.7320, 64.2221,
74.7800

235.9960, -7.3930,
-8.7665

76.3230, 71.3258,
83.0317

243.9480,
-11.3134, -11.3554

245.4430,
-12.0504, -8.2815

246.9380,
-12.7874, -5.2076

248.4330,
-13.5245, -2.1337

Harmonies

Analogous

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



157.3770, 45.1701, -21.3786



163.3640, 28.4145, 33.0068



160.6060, 8.0822, 67.8745

Triad

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



163.3640, 28.4145, 33.0068



154.6900, -46.6822, 39.7369



128.3800, 29.8857, -112.5893

Complementary

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



163.3640, 28.4145, 33.0068



190.6360, -28.4145, -33.0068

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.



122.2070, 8.7719, -107.1755



163.3640, 28.4145, 33.0068



150.9690, -43.3687, 3.5352

Square

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



163.3640, 28.4145, 33.0068



156.7700, -34.3966, 65.9767



143.3300, -24.3197, -39.7544



130.8200, 49.3887, -114.7291

Rectangle

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



163.3640, 28.4145, 33.0068



158.4750, -6.6432, 77.6364



143.3300, -24.3197, -39.7544



126.5560, 22.8969, -110.9896

Sweetspot

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



163.3640, 28.4145, 33.0068



234.7100, 10.0030, 11.6553



155.3590, 32.3610, -19.6088



115.9390, 5.9461, 6.1925



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.



163.3640, 28.4145, 33.0068



175.0140, 39.4331, 45.5917



166.7220, 15.4201, 47.6018



102.6460, 3.6255, 3.8185



59.7880, 55.8135, 65.0839



15.7090, 14.9335, 16.9182

Inverse Universe

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



161.5920, -4.2359, 52.1008



172.5560, -6.1901, 72.3034



187.2780, -15.4201, -47.6018



102.5170, -0.7479, 6.5626



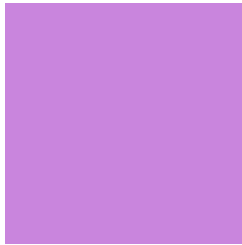
56.1730, -8.4663, 102.4573



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 163.3640, 28.4145, 33.0068 looks on a white background.

Color Contrast Check

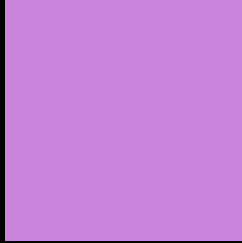
Large Text (above 18pt) WCAG AA × Fail

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 163.3640, 28.4145, 33.0068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

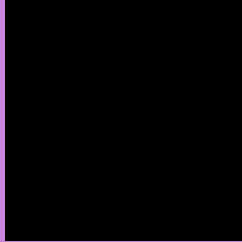
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.3640, 28.4145, 33.0068

Background



This preview shows how black text looks on a background with the YUV color 163.3640, 28.4145, 33.0068.



This preview shows how white text looks on a background with the YUV color 163.3640, 28.4145,

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

163.3640, 28.4145, 33.0068

Protanopia

157.8020, 40.5236, -24.3824

Deuteranopia

158.9420, 28.1296, -15.7351



Tritanopia

161.7090, -1.8285, 26.5652

Trichromacy



Original Color

163.3640, 28.4145, 33.0068



Protanomaly

160.0820, 35.9486, -3.5799



Deuteranomaly

160.4650, 28.3648, 2.2232



Tritanomaly

162.2930, 9.2226, 28.6840

Monochromacy



Original Color

163.3640, 28.4145, 33.0068



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.1230, 10.2924, 12.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3640, 28.4145, 33.0068 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(201, 133, 221)` looks like.

```
.text, #text, p{  
    color:rgb(201, 133, 221)  
}
```

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(201, 133, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 133, 221) }
```

Border

The CSS property to change the border of an element to YUV 163.3640, 28.4145, 33.0068 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(201, 133, 221) }
```


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

```
.border{ border-color:rgb(201, 133, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 133, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 133, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 133, 221);  
box-shadow:4px 4px 4px 4px rgb(201, 133,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 163.3640, 28.4145, 33.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 133, 221) }
```

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

```
.background{ background-color: rgb(201,  
133, 221) }
```

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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