

Converting Colors

YUV(161.2970, 33.3776,
27.8035)

Have a look what the booklet for
YUV(161.2970, 33.3776, 27.8035)
contains.

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Color

**YUV(161.2970, 33.3776,
27.8035)**

Conversions

Conversions Part 1

Format	Color
Hex	C184E5
RGB	193, 132, 229
RGB Percent	76%, 52%, 90%
CMY	0.2431, 0.4824, 0.1020
CMYK	0.16, 0.42, 0.00, 0.10
HSL	278°, 65%, 71%
HSV	278°, 42%, 90%
XYZ	44.3864, 33.4971, 78.2549
YIQ	161.2970, 5.2190, 43.0990

Conversions

Conversions Part 2

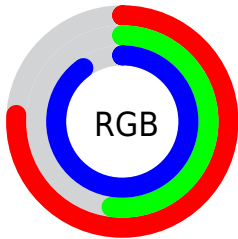
Format	Color
R_{YB}	193, 132, 229
Decimal	12682469
CIE _{Lab}	64.56, 40.67, -40.25
CIE _{LCh}	65, 57.220, 315.298
Yxy	33.4971, 0.2843, 0.2145
Android (android.graphics.Color)	4290872549 (0xFFC184E5)
YUV	161.2970, 33.3776, 27.8035
Hunter-Lab	57.8767, 35.6099, -39.6521

Details

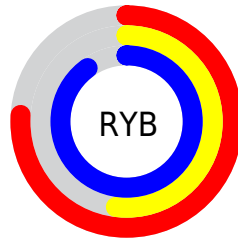
The YUV color **161.2970, 33.3776, 27.8035** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **199.7030, -33.3776, -27.8035**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3010, 20.5576, 33.0620**, and **108.5310, 31.7832, 25.8443** is the 20% darker color. If you saturate the color by 10%, you get **145.4040, 41.2128, 34.7257**, and if you desaturate by 10%, it is **177.1900, 25.5423, 20.8814**.

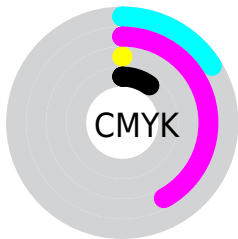
Distribution



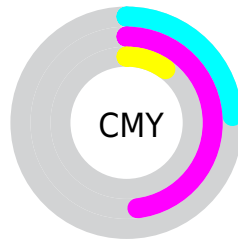
- Red (76%)
- Green (52%)
- Blue (90%)



- Red (76%)
- Yellow (52%)
- Blue (90%)



- Cyan (16%)
- Magenta (42%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (48%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.2970, 33.3776, 27.8035 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 161.2970, 33.3776, 27.8035 by changing the saturation by 10% instead.

161.2970, 33.3776,
27.8035

161.2970, 33.3776,
27.8035

255.0000, 0.0000,
0.0000

134.4710, 32.7988,
26.7739

213.3010, 20.5576,
33.0620

108.5310, 31.7832,
25.8443

230.9330, 11.8650,
21.1068

82.7050, 31.2044,
24.8147

247.9560, 3.4727,
6.1776

57.2920, 30.9150,
24.2999

30.8190, 31.6412,
24.7147

18.2600, 26.0008,
13.8040

5.3580, 20.5295,

-4.6990

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 161.2970, 33.3776,
27.8035

■ 161.2970, 33.3776,
27.8035

■ 145.4040, 41.2128,
34.7257

■ 177.1900, 25.5423,
20.8814

■ 129.2120, 49.1955,
41.0331

■ 193.3820, 17.5597,
14.5740

■ 113.3190, 57.0307,
47.9552

■ 209.2750, 9.7244,
7.6518

■ 97.1270, 65.0134,
54.2626

■ 225.4670, 1.7418,
1.3444

81.8210, 72.5592,
60.6700

241.3600, -6.0935,
-5.5777

69.1620, 78.8001,
65.6329

248.7470, -9.7353,
-4.1631

251.1390,
-10.9145, 0.7551

252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



152.3690, 50.5971, -35.4036



161.2970, 33.3776, 27.8035



158.7570, 12.4448, 68.6191

Triad

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



161.2970, 33.3776, 27.8035



152.4520, -49.0298, 46.0846



127.5820, 26.8281, -111.8894

Complementary

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



161.2970, 33.3776, 27.8035



199.7030, -33.3776, -27.8035

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.



120.3660, 4.2566, -105.5610



161.2970, 33.3776, 27.8035



148.3350, -48.4792, 9.3532

Square

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



161.2970, 33.3776, 27.8035



154.3410, -33.6921, 73.3689



141.5710, -29.8615, -35.5808



130.4780, 48.0783, -114.4292

Rectangle

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



161.2970, 33.3776, 27.8035



156.1210, -3.0177, 81.4549



141.5710, -29.8615, -35.5808



125.5300, 18.9657, -110.0898

Sweetspot

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



161.2970, 33.3776, 27.8035



232.0410, 11.3188, 9.6110



164.7770, 31.6619, -28.7454



113.2810, 7.2565, 5.8926



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.



161.2970, 33.3776, 27.8035



164.3380, 44.6964, 37.4146



170.8070, 23.2661, 51.0353



106.4610, 4.2097, 3.1037



53.8940, 61.6773, 50.9590



15.3820, 17.5597, 14.5740

Inverse Universe

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



165.1070, 1.4262, 56.0342



169.3420, 1.8034, 75.1221



190.1930, -23.2661, -51.0353



107.1580, 0.4151, 6.8774



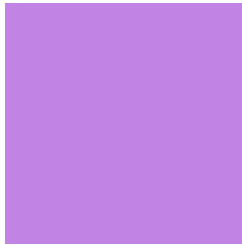
61.0450, 2.4428, 103.4465



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 161.2970, 33.3776, 27.8035 looks on a white background.

Color Contrast Check

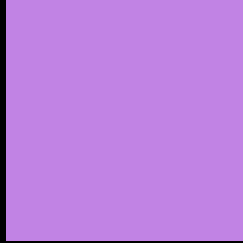
Large Text (above 18pt) WCAG AA × Fail

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 161.2970, 33.3776, 27.8035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

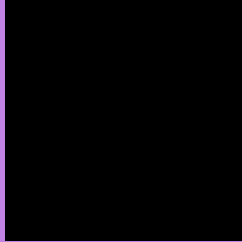
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.2970, 33.3776, 27.8035

Background



This preview shows how black text looks on a background with the YUV color 161.2970, 33.3776, 27.8035.



This preview shows how white text looks on a background with the YUV color 161.2970, 33.3776,

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

161.2970, 33.3776, 27.8035

Protanopia

155.0340, 45.3392, -28.9708

Deuteranopia

155.6900, 33.6768, -21.6531



Tritanopia

158.8330, 0.0823, 20.3175

Trichromacy



Original Color

161.2970, 33.3776, 27.8035



Protanomaly

157.3140, 40.7642, -8.1684



Deuteranomaly

158.0990, 33.4752, -3.5948



Tritanomaly

159.9440, 11.8596, 22.8511

Monochromacy



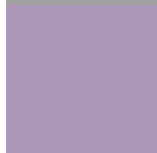
Original Color

161.2970, 33.3776, 27.8035



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

160.9810, 12.3344, 10.5407

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.2970, 33.3776, 27.8035 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(193, 132, 229)` looks like.

```
.text, #text, p{  
    color:rgb(193, 132, 229)  
}
```

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(193, 132, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 132, 229) }
```

Border

The CSS property to change the border of an element to YUV 161.2970, 33.3776, 27.8035 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(193, 132, 229) }
```


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

```
.border{ border-color:rgb(193, 132, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 132, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 132, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 132, 229);  
box-shadow:4px 4px 4px 4px rgb(193, 132,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 161.2970, 33.3776, 27.8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 132, 229) }
```

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

```
.background{ background-color: rgb(193,  
132, 229) }
```

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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