

Converting Colors

YUV(162.2650, 28.4634,
17.3076)

Have a look what the booklet for
YUV(162.2650, 28.4634, 17.3076)
contains.

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Color

**YUV(162.2650, 28.4634,
17.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	B68DDC
RGB	182, 141, 220
RGB Percent	71%, 55%, 86%
CMY	0.2863, 0.4471, 0.1373
CMYK	0.17, 0.36, 0.00, 0.14
HSL	271°, 53%, 71%
HSV	271°, 36%, 86%
XYZ	41.7345, 34.1621, 72.1044
YIQ	162.2650, -0.9230, 33.2610

Conversions

Conversions Part 2

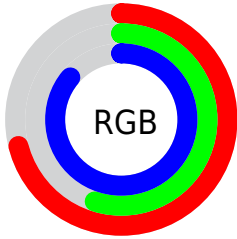
Format	Color
R_{YB}	182, 141, 220
Decimal	11963868
CIE _{Lab}	65.09, 30.50, -34.51
CIE _{LCh}	65, 46.062, 311.470
Yxy	34.1621, 0.2820, 0.2308
Android (android.graphics.Color)	4290153948 (0xFFB68DDC)
YUV	162.2650, 28.4634, 17.3076
Hunter-Lab	58.4484, 25.1716, -32.2288

Details

The YUV color **162.2650, 28.4634, 17.3076** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **198.7350, -28.4634, -17.3076**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9960, 19.7220, 21.0515**, and **109.9120, 27.1584, 15.8632** is the 20% darker color. If you saturate the color by 10%, you get **146.0620, 36.4514, 21.8706**, and if you desaturate by 10%, it is **178.4680, 20.4753, 12.7446**.

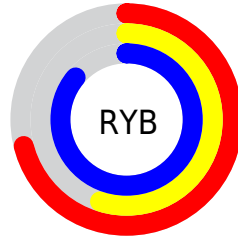
Distribution



Red (71%)

Green (55%)

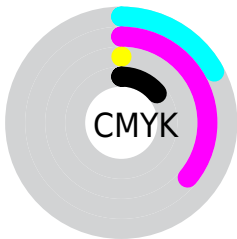
Blue (86%)



Red (71%)

Yellow (55%)

Blue (86%)

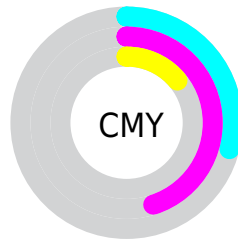


Cyan (17%)

Magenta (36%)

Yellow (0%)

Black (14%)



Cyan (29%)

Magenta (45%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.2650, 28.4634, 17.3076 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 162.2650, 28.4634, 17.3076 by changing the saturation by 10% instead.

162.2650, 28.4634,
17.3076

162.2650, 28.4634,
17.3076

255.0000, 0.0000,
0.0000

135.7380, 27.7372,
16.8928

214.9960, 19.7220,
21.0515

109.9120, 27.1584,
15.8632

236.2160, 9.2605,
16.4736

84.9720, 26.1428,
14.9336

253.2390, 0.8682,
1.5444

60.7330, 25.2746,
13.3892

36.9070, 24.6958,
12.3596

15.3690, 23.9751,
10.2004

4.6740, 17.9087,

-4.0991

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 162.2650, 28.4634,
17.3076

■ 162.2650, 28.4634,
17.3076

■ 146.0620, 36.4514,
21.8706

■ 178.4680, 20.4753,
12.7446

■ 130.1580, 44.2921,
27.0484

■ 194.3720, 12.6346,
7.5668

■ 113.9550, 52.2802,
31.6115

■ 210.5750, 4.6465,
3.0037

■ 98.0510, 60.1209,
36.7893

■ 226.4790, -3.1941,
-2.1741

81.8480, 68.1089,
41.3523

242.6820,
-11.1822, -6.7371

65.9440, 75.9496,
46.5301

248.0200,
-13.8139, -2.6485

59.1660, 79.2912,
48.0894

251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



154.6870, 41.5663, -32.1745



162.2650, 28.4634, 17.3076



161.7180, 11.4780, 51.9903

Triad

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



162.2650, 28.4634, 17.3076



156.2910, -38.1045, 41.8408



124.7950, 23.7651, -109.4452

Complementary

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



162.2650, 28.4634, 17.3076



198.7350, -28.4634, -17.3076

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.



136.9580, -3.4303, -66.6152



162.2650, 28.4634, 17.3076



152.8760, -38.8859, 12.3867

Square

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



162.2650, 28.4634, 17.3076



157.9250, -26.0920, 62.3328



147.5710, -26.4105, -22.4258



127.9530, 40.9422, -112.2148

Rectangle

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



162.2650, 28.4634, 17.3076



160.7660, -1.3636, 64.2262



147.5710, -26.4105, -22.4258



123.1990, 17.6499, -108.0455

Sweetspot

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



162.2650, 28.4634, 17.3076



234.6770, 10.0192, 6.4223



172.3120, 23.5102, -27.4606



115.6290, 6.0989, 3.8334



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.



162.2650, 28.4634, 17.3076



174.5830, 39.6456, 24.0447



173.5130, 22.4251, 40.7691



101.7490, 4.0677, 1.9741



46.6320, 62.2994, 38.0337



12.4200, 16.5549, 10.1557

Inverse Universe

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



168.9530, 4.9532, 44.7682



183.9320, 6.9355, 62.3266



187.4870, -22.4251, -40.7691



102.8590, 0.5625, 6.2627



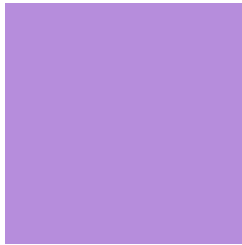
61.1890, 10.7528, 98.0582



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 162.2650, 28.4634, 17.3076 looks on a white background.

Color Contrast Check

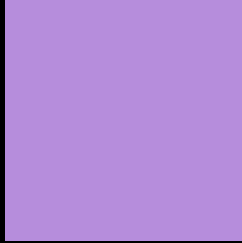
Large Text (above 18pt) WCAG AA × Fail

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 162.2650, 28.4634, 17.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

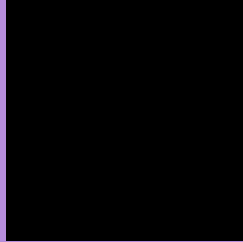
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.2650, 28.4634, 17.3076

Background



This preview shows how black text looks on a background with the YUV color 162.2650, 28.4634, 17.3076.



This preview shows how white text looks on a background with the YUV color 162.2650, 28.4634,

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

162.2650, 28.4634, 17.3076

Protanopia

157.7870, 36.5870, -21.7382

Deuteranopia

158.1700, 29.0032, -15.9351



Tritanopia

159.6470, 2.1460, 11.7106

Trichromacy



Original Color

162.2650, 28.4634, 17.3076

Protanomaly

159.7780, 33.6334, -7.6983

Deuteranomaly

159.8340, 28.6758, -4.2394

Tritanomaly

160.4760, 11.5973, 13.6145

Monochromacy



Original Color

162.2650, 28.4634, 17.3076

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.7910, 10.4560, 6.3223

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.2650, 28.4634, 17.3076 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(182, 141, 220)` looks like.

```
.text, #text, p{  
    color:rgb(182, 141, 220)  
}
```

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(182, 141, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 141, 220) }
```

Border

The CSS property to change the border of an element to YUV 162.2650, 28.4634, 17.3076 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(182, 141, 220) }
```


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

```
.border{ border-color:rgb(182, 141, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 141, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 141, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 141, 220);  
box-shadow:4px 4px 4px 4px rgb(182, 141,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 162.2650, 28.4634, 17.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 141, 220) }
```

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

```
.background{ background-color: rgb(182,  
141, 220) }
```

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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