

Converting Colors

YUV(149.2500, 27.9778,
33.1067)

Have a look what the booklet for
YUV(149.2500, 27.9778, 33.1067)
contains.

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Color

**YUV(149.2500, 27.9778,
33.1067)**

Conversions

Conversions Part 1

Format	Color
Hex	BB77CE
RGB	187, 119, 206
RGB Percent	73%, 47%, 81%
CMY	0.2667, 0.5333, 0.1922
CMYK	0.09, 0.42, 0.00, 0.19
HSL	287°, 47%, 64%
HSV	287°, 42%, 81%
XYZ	38.2309, 28.2147, 61.8235
YIQ	149.2500, 12.6010, 41.4730

Conversions

Conversions Part 2

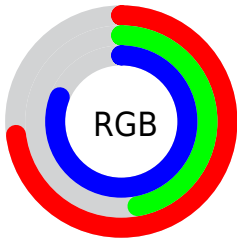
Format	Color
R _Y B	187, 119, 206
Decimal	12285902
CIE _{Lab}	60.08, 41.15, -34.44
CIE _{LCh}	60, 53.656, 320.073
Y _{xy}	28.2147, 0.2981, 0.2200
Android (android.graphics.Color)	4290475982 (0xFFBB77CE)
YUV	149.2500, 27.9778, 33.1067
Hunter-Lab	53.1175, 35.5184, -31.8255

Details

The YUV color **149.2500, 27.9778, 33.1067** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **175.7500, -27.9778, -33.1067**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.5770, 25.3515, 35.4510**, and **96.5980, 26.8202, 31.0476** is the 20% darker color. If you saturate the color by 10%, you get **135.7270, 34.6446, 41.4584**, and if you desaturate by 10%, it is **162.7730, 21.3109, 24.7551**.

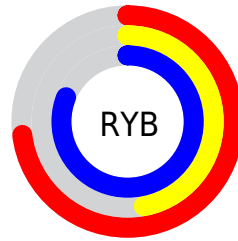
Distribution



Red (73%)

Green (47%)

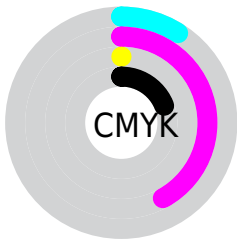
Blue (81%)



Red (73%)

Yellow (47%)

Blue (81%)

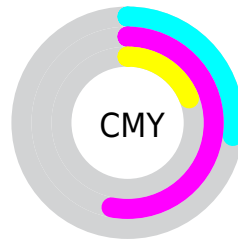


Cyan (9%)

Magenta (42%)

Yellow (0%)

Black (19%)



Cyan (27%)

Magenta (53%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2500, 27.9778, 33.1067 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 149.2500, 27.9778, 33.1067 by changing the saturation by 10% instead.

■ 149.2500, 27.9778,
33.1067

■ 149.2500, 27.9778,
33.1067

255.0000, 0.0000,
0.0000

■ 122.4240, 27.3990,
32.0772

■ 203.5770, 25.3515,
35.4510

■ 96.5980, 26.8202,
31.0476

■ 222.7150, 15.9165,
28.3139

■ 71.1850, 26.5308,
30.5328

■ 239.7380, 7.5242,
13.3848

■ 45.2990, 26.9676,
30.4328

■ 24.9950, 24.6525,
26.3144

■ 16.5070, 17.9910,
16.2184

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 149.2500, 27.9778,
33.1067

■ 149.2500, 27.9778,
33.1067

■ 135.7270, 34.6446,
41.4584

■ 162.7730, 21.3109,
24.7551

■ 122.4920, 41.1694,
48.6805

■ 176.0080, 14.7861,
17.5330

■ 108.9690, 47.8363,
57.0322

■ 189.5310, 8.1192,
9.1813

■ 95.7340, 54.3611,
64.2543

■ 202.7660, 1.5944,
1.9592

■ 82.2110, 61.0280,
72.6060

■ 216.2890, -5.0725,
-6.3925

71.6230, 66.2479,
78.3836

230.1110,
-11.8867, -14.1293

238.3510,
-15.9490, -17.8478

239.8460,
-16.6861, -14.7739

241.0420,
-17.2757, -12.3148

Harmonies

Analogous

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



143.8500, 44.4440, -21.7934



149.2500, 27.9778, 33.1067



146.3070, 8.2296, 67.2598

Triad

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



149.2500, 27.9778, 33.1067



140.6790, -46.6767, 37.9925



118.6800, 28.2588, -104.0824

Complementary

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



149.2500, 27.9778, 33.1067



175.7500, -27.9778, -33.1067

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.



112.5070, 7.1450, -98.6686



149.2500, 27.9778, 33.1067



136.6700, -43.2213, 2.9204

Square

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



149.2500, 27.9778, 33.1067



142.2860, -33.6650, 64.6472



129.1450, -23.7355, -40.4692



120.8920, 46.8882, -106.0223

Rectangle

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



149.2500, 27.9778, 33.1067



144.1760, -6.4958, 77.0216



129.1450, -23.7355, -40.4692



116.8560, 21.2700, -102.4827

Sweetspot

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



149.2500, 27.9778, 33.1067



233.5360, 10.5818, 12.6849



140.6580, 32.2136, -18.9941



114.1780, 6.8142, 7.7369



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.



149.2500, 27.9778, 33.1067



170.3180, 41.7482, 49.7101



152.3090, 15.1307, 47.0870



95.5320, 3.1887, 3.9184



57.7940, 53.3456, 63.3247



13.3020, 12.1761, 14.6441

Inverse Universe

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



147.1790, -4.5252, 51.5860



167.0620, -6.9326, 77.1216



172.6910, -15.1307, -47.0870



95.2180, -0.6005, 5.9478



53.7380, -8.7448, 98.4538



12.2740, -2.1071, 22.5617

Previews

White Background



This preview shows how the YUV color 149.2500, 27.9778, 33.1067 looks on a white background.

Color Contrast Check

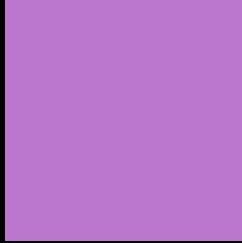
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.2500, 27.9778, 33.1067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

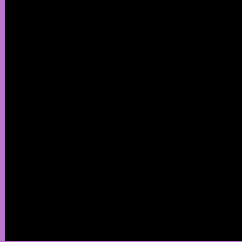
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.2500, 27.9778, 33.1067

Background



This preview shows how black text looks on a background with the YUV color 149.2500, 27.9778, 33.1067.



This preview shows how white text looks on a background with the YUV color 149.2500, 27.9778, 33.1067.

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

149.2500, 27.9778, 33.1067

Protanopia

143.3890, 40.2342, -24.8972

Deuteranopia

144.5290, 27.8402, -16.2499



Tritanopia

147.5950, -2.2653, 26.6652

Trichromacy



Original Color

149.2500, 27.9778, 33.1067

Protanomaly

145.6690, 35.6592, -4.0947

Deuteranomaly

146.0520, 28.0754, 1.7084

Tritanomaly

148.1790, 8.7858, 28.7840

Monochromacy



Original Color

149.2500, 27.9778, 33.1067

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1230, 10.2924, 12.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2500, 27.9778, 33.1067 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(187, 119, 206)` looks like.

```
.text, #text, p{  
    color:rgb(187, 119, 206)  
}
```

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(187, 119, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 119, 206) }
```

Border

The CSS property to change the border of an element to YUV 149.2500, 27.9778, 33.1067 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(187, 119, 206) }
```


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

```
.border{ border-color:rgb(187, 119, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 119, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 119, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 119, 206);  
box-shadow:4px 4px 4px 4px rgb(187, 119,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 149.2500, 27.9778, 33.1067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 119, 206) }
```

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

```
.background{ background-color: rgb(187,  
119, 206) }
```

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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