

Converting Colors

YUV(147.2670, 25.5044,
33.0918)

Have a look what the booklet for
YUV(147.2670, 25.5044, 33.0918)
contains.

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Color

**YUV(147.2670, 25.5044,
33.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	B976C7
RGB	185, 118, 199
RGB Percent	73%, 46%, 78%
CMY	0.2745, 0.5373, 0.2196
CMYK	0.07, 0.41, 0.00, 0.22
HSL	290°, 42%, 62%
HSV	290°, 41%, 78%
XYZ	36.7948, 27.3947, 57.3812
YIQ	147.2670, 13.9310, 39.3950

Conversions

Conversions Part 2

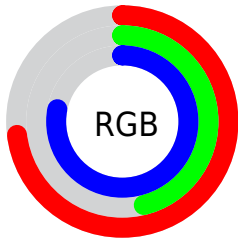
Format	Color
R_{YB}	185, 118, 199
Decimal	12154567
CIE _{Lab}	59.34, 39.67, -31.65
CIE _{LCh}	59, 50.755, 321.415
Yxy	27.3947, 0.3027, 0.2253
Android (android.graphics.Color)	4290344647 (0xFFB976C7)
YUV	147.2670, 25.5044, 33.0918
Hunter-Lab	52.3399, 33.8901, -28.3628

Details

The YUV color **147.2670, 25.5044, 33.0918** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **169.7330, -25.5044, -33.0918**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8050, 26.2251, 35.2510**, and **94.7290, 24.7836, 30.9327** is the 20% darker color. If you saturate the color by 10%, you get **134.6300, 31.7344, 41.5435**, and if you desaturate by 10%, it is **159.9040, 19.2743, 24.6402**.

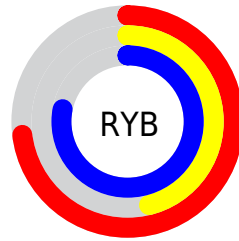
Distribution



Red (73%)

Green (46%)

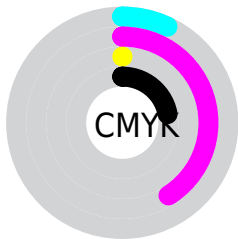
Blue (78%)



Red (73%)

Yellow (46%)

Blue (78%)

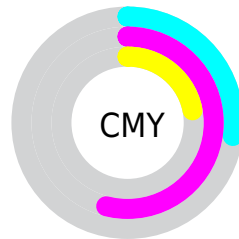


Cyan (7%)

Magenta (41%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (54%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2670, 25.5044, 33.0918 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 147.2670, 25.5044, 33.0918 by changing the saturation by 10% instead.

■ 147.2670, 25.5044,
33.0918

■ 147.2670, 25.5044,
33.0918

255.0000, 0.0000,
0.0000

■ 120.5550, 25.3624,
31.9623

■ 201.8050, 26.2251,
35.2510

■ 94.7290, 24.7836,
30.9327

■ 222.1280, 16.2059,
28.8287

■ 69.9030, 24.2048,
29.9031

■ 239.1510, 7.8136,
13.8996

■ 43.4300, 24.9310,
30.3179

■ 24.1260, 22.6159,
26.1995

■ 15.5240, 15.5177,
16.2035

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 147.2670, 25.5044,
33.0918

■ 147.2670, 25.5044,
33.0918

■ 134.6300, 31.7344,
41.5435

■ 159.9040, 19.2743,
24.6402

■ 121.6940, 38.1119,
49.3804

■ 172.8400, 12.8969,
16.8033

■ 109.0570, 44.3419,
57.8320

■ 185.4770, 6.6668,
8.3517

■ 96.1210, 50.7193,
65.6689

■ 198.4130, 0.2894,
0.5148

■ 84.0710, 56.6600,
73.6057

■ 211.0500, -5.9406,
-7.9368

72.0210, 62.6006,
81.5426

223.3990,
-12.0287, -15.2589

234.8620,
-17.6800, -22.6810

236.0580,
-18.2696, -20.2219

236.9550,
-18.7118, -18.3775

Harmonies

Analogous

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



142.3730, 41.2281, -16.9901



147.2670, 25.5044, 33.0918



144.8290, 6.4933, 64.1710

Triad

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



147.2670, 25.5044, 33.0918



139.1670, -43.4663, 34.9335



116.6910, 28.2533, -102.3380

Complementary

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



147.2670, 25.5044, 33.0918



169.7330, -25.5044, -33.0918

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.



110.8600, 8.4500, -97.2242



147.2670, 25.5044, 33.0918



134.8700, -39.8689, 0.9910

Square

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



147.2670, 25.5044, 33.0918



141.0790, -33.0699, 60.4437



127.5410, -20.9727, -39.9395



118.6750, 46.0092, -104.0780

Rectangle

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



147.2670, 25.5044, 33.0918



142.2140, -7.5005, 72.6033



127.5410, -20.9727, -39.9395



114.9810, 21.7014, -100.8383

Sweetspot

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



147.2670, 25.5044, 33.0918



235.3080, 9.7082, 12.8849



136.0390, 31.0398, -15.8202



116.2380, 5.7987, 6.8073



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.



147.2670, 25.5044, 33.0918



175.0470, 39.4168, 50.8248



148.4890, 12.0839, 44.2981



93.4180, 2.7519, 4.0184



58.9470, 51.2981, 66.6985



13.0740, 11.3025, 14.8441

Inverse Universe

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



143.8150, -5.8248, 48.3972



169.8830, -8.8163, 74.6476



168.5110, -12.0839, -44.2981



92.8050, -0.8899, 5.4330



51.9290, -11.7970, 97.4093



11.4480, -2.6859, 21.5321

Previews

White Background



This preview shows how the YUV color 147.2670, 25.5044, 33.0918 looks on a white background.

Color Contrast Check

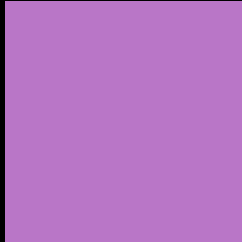
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.2670, 25.5044, 33.0918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

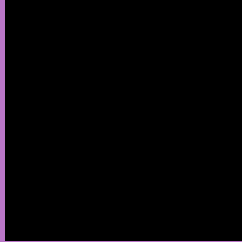
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.2670, 25.5044, 33.0918

Background



This preview shows how black text looks on a background with the YUV color 147.2670, 25.5044, 33.0918.



This preview shows how white text looks on a background with the YUV color 147.2670, 25.5044,

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

147.2670, 25.5044, 33.0918

Protanopia

142.1890, 36.8818, -22.9678

Deuteranopia

143.2690, 25.5034, -13.3909



Tritanopia

145.8940, -2.4127, 27.2800

Trichromacy



Original Color

147.2670, 25.5044, 33.0918



Protanomaly

144.1700, 32.4542, -2.7801



Deuteranomaly

144.9660, 25.1598, 3.5378



Tritanomaly

146.2500, 7.7648, 29.5988

Monochromacy



Original Color

147.2670, 25.5044, 33.0918



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.8950, 9.4188, 12.3701

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2670, 25.5044, 33.0918 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(185, 118, 199)` looks like.

```
.text, #text, p{  
    color:rgb(185, 118, 199)  
}
```

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(185, 118, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 118, 199) }
```

Border

The CSS property to change the border of an element to YUV 147.2670, 25.5044, 33.0918 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(185, 118, 199) }
```


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

```
.border{ border-color:rgb(185, 118, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 118, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 118, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 118, 199);  
box-shadow:4px 4px 4px 4px rgb(185, 118,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 147.2670, 25.5044, 33.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 118, 199) }
```

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

```
.background{ background-color: rgb(185,  
118, 199) }
```

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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