

Converting Colors

YUV(116.9670, 27.1313,
24.5849)

Have a look what the booklet for
YUV(116.9670, 27.1313, 24.5849)
contains.

YUV(116.9670, 27.1313, 24.5849)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(116.9670, 27.1313,
24.5849)**

Conversions

Conversions Part 1

Format	Color
Hex	915CAC
RGB	145, 92, 172
RGB Percent	57%, 36%, 67%
CMY	0.4314, 0.6392, 0.3255
CMYK	0.16, 0.47, 0.00, 0.33
HSL	280°, 33%, 52%
HSV	280°, 47%, 67%
XYZ	22.9506, 16.6526, 41.0344
YIQ	116.9670, 5.9080, 36.1160

Conversions

Conversions Part 2

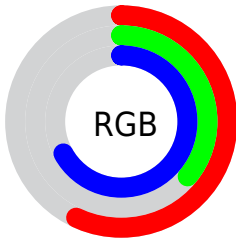
Format	Color
R_{YB}	145, 92, 172
Decimal	9526444
CIE _{Lab}	47.82, 36.27, -34.43
CIE _{LCh}	48, 50.011, 316.491
Yxy	16.6526, 0.2846, 0.2065
Android (android.graphics.Color)	4287716524 (0xFF915CAC)
YUV	116.9670, 27.1313, 24.5849
Hunter-Lab	40.8076, 28.9769, -31.0542




Details

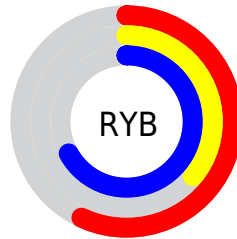
The YUV color **116.9670, 27.1313, 24.5849** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **147.0330, -27.1313, -24.5849**, and the grayscale version is **117.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **170.3200, 28.4362, 26.0294**, and **66.3150, 25.9737, 22.5257** is the 20% darker color. If you saturate the color by 10%, you get **105.1940, 32.9354, 29.6479**, and if you desaturate by 10%, it is **128.7400, 21.3272, 19.5220**.

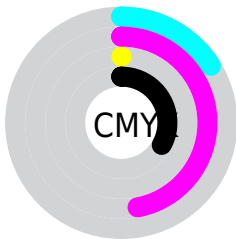
Distribution







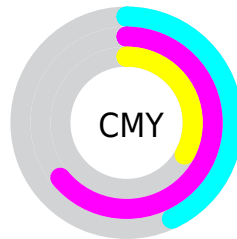
-  Red (57%)
-  Green (36%)
-  Blue (67%)






-  Red (57%)
-  Yellow (36%)
-  Blue (67%)



-  Cyan (16%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (43%)
-  Magenta (64%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9670, 27.1313, 24.5849 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 116.9670, 27.1313, 24.5849 by changing the saturation by 10% instead.

■ 116.9670, 27.1313,
24.5849

■ 116.9670, 27.1313,
24.5849

255.0000, 0.0000,
0.0000

■ 91.1410, 26.5525,
23.5553

■ 170.3200, 28.4362,
26.0294

■ 66.3150, 25.9737,
22.5257

■ 197.9180, 28.1414,
27.2589

■ 41.9020, 25.6843,
22.0109

■ 221.5410, 16.4953,
29.3435

■ 20.5380, 24.3848,
18.8222

■ 237.9770, 8.3923,
14.9292

■ 11.9360, 17.2866,
8.8261

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 116.9670, 27.1313,
24.5849

■ 116.9670, 27.1313,
24.5849

■ 105.1940, 32.9354,
29.6479

■ 128.7400, 21.3272,
19.5220

■ 93.4210, 38.7394,
34.7108

■ 140.5130, 15.5231,
14.4591

■ 81.3600, 44.6855,
40.9033

■ 152.5740, 9.5770,
8.2666

■ 69.5870, 50.4896,
45.9662

■ 164.3470, 3.7729,
3.2037

■ 57.8140, 56.2937,
51.0291

■ 176.1200, -2.0312,
-1.8592

■ 53.6940, 58.3249,
52.8884

■ 187.8930, -7.8352,
-6.9222

■ 199.6660,
-13.6393, -11.9851

■ 211.7270,
-19.5854, -18.1776

■ 223.5000,
-25.3895, -23.2405

Harmonies

Analogous

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



109.5240, 42.1397, -29.4005



116.9670, 27.1313, 24.5849



113.7080, 10.0040, 58.1381

Triad

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



116.9670, 27.1313, 24.5849



109.5200, -42.1614, 36.3780



94.1620, 20.6261, -82.5801

Complementary

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



116.9670, 27.1313, 24.5849



147.0330, -27.1313, -24.5849

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.



87.9720, 1.9858, -77.1514



116.9670, 27.1313, 24.5849



106.1480, -41.4850, 6.0092

Square

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



116.9670, 27.1313, 24.5849



110.4470, -27.8284, 59.2440



99.9010, -23.6152, -32.3622



96.7330, 38.0926, -84.8348

Rectangle

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



116.9670, 27.1313, 24.5849



111.4460, -2.6849, 68.0149



99.9010, -23.6152, -32.3622



92.5660, 14.5110, -81.1804

Sweetspot

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



116.9670, 27.1313, 24.5849



202.8130, 10.4452, 9.8110



117.5560, 26.8409, -22.4126



99.0530, 6.3829, 6.0925



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



116.9670, 27.1313, 24.5849



138.0670, 42.3650, 38.5292



123.6720, 17.9097, 42.3837



80.8200, 3.0467, 2.7889



47.0000, 50.7790, 46.4810



7.1070, 7.8352, 6.9222

Inverse Universe

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



118.9980, 0.0010, 46.4828



141.1630, -0.0804, 72.6480



140.3280, -17.9097, -42.3837



81.0330, -0.0163, 5.2331



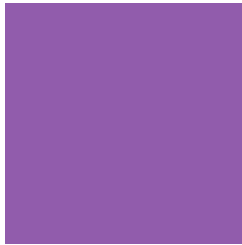
50.6640, 0.1656, 87.1177



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 116.9670, 27.1313, 24.5849 looks on a white background.

Color Contrast Check

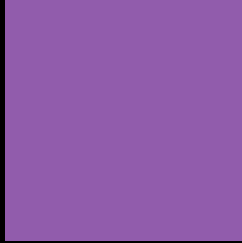
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 116.9670, 27.1313, 24.5849 looks on a black 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

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

YUV 116.9670, 27.1313, 24.5849

Background



This preview shows how black text looks on a background with the YUV color 116.9670, 27.1313, 24.5849.



This preview shows how white text looks on a background with the YUV color 116.9670, 27.1313,

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

116.9670, 27.1313, 24.5849

Protanopia

111.2210, 38.3450, -25.6268

Deuteranopia

112.3930, 27.4143, -19.6387



Tritanopia

115.2950, -0.6384, 18.1583

Trichromacy



Original Color

116.9670, 27.1313, 24.5849

Protanomaly

113.3050, 34.3596, -7.2835

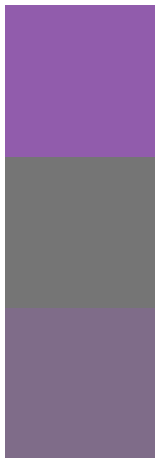
Deuteranomaly

113.7910, 27.2180, -3.3247

Tritanomaly

115.6510, 9.5391, 20.4771

Monochromacy



Original Color

116.9670, 27.1313, 24.5849

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9870, 9.8664, 8.7814

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9670, 27.1313, 24.5849 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(145, 92, 172)` looks like.

```
.text, #text, p{  
    color:rgb(145, 92, 172)  
}
```

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(145, 92, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 92, 172) }
```

Border

The CSS property to change the border of an element to YUV 116.9670, 27.1313, 24.5849 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(145, 92, 172) }
```


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

```
.border{ border-color:rgb(145, 92, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 92, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 92, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 92, 172);  
box-shadow:4px 4px 4px 4px rgb(145, 92,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 116.9670, 27.1313, 24.5849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 92, 172) }
```

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

```
.background{ background-color: rgb(145, 92,  
172) }
```

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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