

Converting Colors

YUV(119.9330, 28.6270,
11.4598)

Have a look what the booklet for
YUV(119.9330, 28.6270, 11.4598)
contains.

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Color

**YUV(119.9330, 28.6270,
11.4598)**

Conversions

Conversions Part 1

Format	Color
Hex	8566B2
RGB	133, 102, 178
RGB Percent	52%, 40%, 70%
CMY	0.4784, 0.6000, 0.3020
CMYK	0.25, 0.43, 0.00, 0.30
HSL	264°, 33%, 55%
HSV	264°, 43%, 70%
XYZ	22.4601, 17.7036, 44.3528
YIQ	119.9330, -5.9200, 30.2080

Conversions

Conversions Part 2

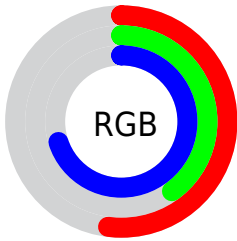
Format	Color
R_{YB}	133, 102, 178
Decimal	8742578
CIE _{Lab}	49.13, 28.37, -35.96
CIE _{LCh}	49, 45.800, 308.271
Yxy	17.7036, 0.2657, 0.2095
Android (android.graphics.Color)	4286932658 (0xFF8566B2)
YUV	119.9330, 28.6270, 11.4598
Hunter-Lab	42.0757, 21.6513, -33.0458

Details

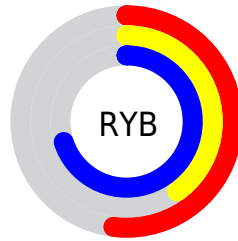
The YUV color **119.9330, 28.6270, 11.4598** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **160.0670, -28.6270, -11.4598**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.6990, 30.2214, 13.4190**, and **70.1670, 27.0327, 9.5005** is the 20% darker color. If you saturate the color by 10%, you get **106.0780, 35.4575, 13.9636**, and if you desaturate by 10%, it is **133.7880, 21.7965, 8.9559**.

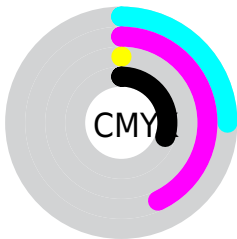
Distribution



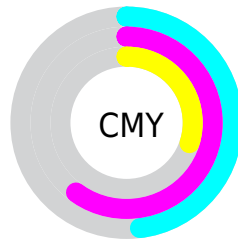
- Red (52%)
- Green (40%)
- Blue (70%)



- Red (52%)
- Yellow (40%)
- Blue (70%)



- Cyan (25%)
- Magenta (43%)
- Yellow (0%)
- Black (30%)



- Cyan (48%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.9330, 28.6270, 11.4598 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 119.9330, 28.6270, 11.4598 by changing the saturation by 10% instead.

■ 119.9330, 28.6270,
11.4598

■ 119.9330, 28.6270,
11.4598

■ 255.0000, 0.0000,
0.0000

■ 94.9930, 27.6115,
10.5301

■ 172.6990, 30.2214,
13.4190

■ 70.1670, 27.0327,
9.5005

■ 199.3140, 27.4532,
14.6336

■ 46.9280, 26.1645,
7.9561

■ 224.4210, 15.0754,
18.0478

■ 23.6890, 25.2963,
6.4117

■ 244.4340, 5.2090,
9.2664

■ 9.2170, 21.0920,
1.5637

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 119.9330, 28.6270,
11.4598

■ 119.9330, 28.6270,
11.4598

■ 106.0780, 35.4575,
13.9636

■ 133.7880, 21.7965,
8.9559

■ 92.5220, 42.1407,
17.0822

■ 147.3440, 15.1134,
5.8373

■ 79.2540, 48.6818,
19.0712

■ 160.6120, 8.5723,
3.8483

■ 65.6980, 55.3649,
22.1899

■ 174.1680, 1.8892,
0.7297

■ 51.8430, 62.1954,
24.6937

■ 188.0230, -4.9413,
-1.7742

■ 42.1190, 66.9893,
27.0826

■ 201.5790,
-11.6244, -4.8928

■ 215.4340,
-18.4550, -7.3966

■ 228.4030,
-24.8487, -10.0004

■ 238.1490,
-29.6535, -8.9007

Harmonies

Analogous

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



109.0340, 41.8882, -42.1258



119.9330, 28.6270, 11.4598



119.1410, 13.2415, 46.3573

Triad

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



119.9330, 28.6270, 11.4598



114.0890, -35.0469, 41.1409



94.3100, 16.1162, -82.7099

Complementary

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



119.9330, 28.6270, 11.4598



160.0670, -28.6270, -11.4598

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.



90.6690, -1.8088, -73.3777



119.9330, 28.6270, 11.4598



111.4140, -38.1651, 14.5459

Square

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



119.9330, 28.6270, 11.4598



115.3420, -21.8606, 58.4591



106.7780, -27.0056, -18.2223



97.3540, 32.8565, -85.3795

Rectangle

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



119.9330, 28.6270, 11.4598



117.2430, 1.8522, 59.4229



106.7780, -27.0056, -18.2223



92.1270, 10.2904, -80.7954

Sweetspot

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



119.9330, 28.6270, 11.4598



209.0080, 11.3351, 4.3780



137.6660, 19.8847, -31.2791



103.1450, 6.8305, 2.5038



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



119.9330, 28.6270, 11.4598



141.8040, 44.4666, 17.7119



130.9960, 23.1730, 34.2065



82.2220, 3.3416, 1.5593



35.9800, 57.6909, 22.8195



5.9540, 9.8827, 3.5483

Inverse Universe

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



129.8540, 8.4530, 42.2240



157.2620, 13.1818, 65.5452



149.0040, -23.1730, -34.2065



83.3750, 1.2941, 4.9331



56.1210, 17.1953, 84.9629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 119.9330, 28.6270, 11.4598 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 119.9330, 28.6270, 11.4598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

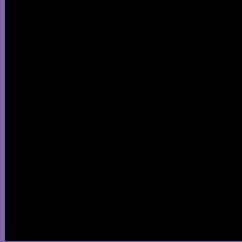
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.9330, 28.6270, 11.4598

Background



This preview shows how black text looks on a background with the YUV color 119.9330, 28.6270, 11.4598.



This preview shows how white text looks on a background with the YUV color 119.9330, 28.6270,

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

119.9330, 28.6270, 11.4598

Protanopia

114.7760, 36.5924, -23.4826

Deuteranopia

114.9520, 29.6037, -21.8829



Tritanopia

117.7170, 2.6045, 4.6332

Trichromacy



Original Color

119.9330, 28.6270, 11.4598

Protanomaly

116.7560, 33.6443, -11.1870

Deuteranomaly

116.9150, 29.1289, -9.5725

Tritanomaly

118.8450, 11.9084, 7.1519

Monochromacy



Original Color

119.9330, 28.6270, 11.4598

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7800, 10.4615, 4.5779

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9330, 28.6270, 11.4598 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(133, 102, 178)` looks like.

```
.text, #text, p{  
    color:rgb(133, 102, 178)  
}
```

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(133, 102, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 102, 178) }
```

Border

The CSS property to change the border of an element to YUV 119.9330, 28.6270, 11.4598 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(133, 102, 178) }
```


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

```
.border{ border-color:rgb(133, 102, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 102, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 102, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 102, 178);  
box-shadow:4px 4px 4px 4px rgb(133, 102,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 119.9330, 28.6270, 11.4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 102, 178) }
```

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

```
.background{ background-color: rgb(133,  
102, 178) }
```

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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