

Converting Colors

YUV(106.9470, 40.9451,
27.2335)

Have a look what the booklet for
YUV(106.9470, 40.9451, 27.2335)
contains.

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Color

**YUV(106.9470, 40.9451,
27.2335)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4BBE
RGB	138, 75, 190
RGB Percent	54%, 29%, 75%
CMY	0.4588, 0.7059, 0.2549
CMYK	0.27, 0.61, 0.00, 0.25
HSL	273°, 47%, 52%
HSV	273°, 61%, 75%
XYZ	22.2916, 14.1531, 50.2721
YIQ	106.9470, 0.6330, 49.1210

Conversions

Conversions Part 2

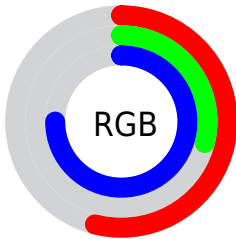
Format	Color
R_{YB}	138, 75, 190
Decimal	9063358
CIE _{Lab}	44.45, 47.78, -50.35
CIE _{LCh}	44, 69.412, 313.497
Yxy	14.1531, 0.2571, 0.1632
Android (android.graphics.Color)	4287253438 (0xFF8A4BBE)
YUV	106.9470, 40.9451, 27.2335
Hunter-Lab	37.6207, 39.9315, -52.8942

Details

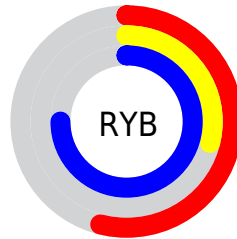
The YUV color **106.9470, 40.9451, 27.2335** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **158.0530, -40.9451, -27.2335**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7130, 42.5395, 29.1927**, and **53.8220, 40.5138, 25.5891** is the 20% darker color. If you saturate the color by 10%, you get **93.1030, 47.7702, 31.4817**, and if you desaturate by 10%, it is **120.7910, 34.1200, 22.9853**.

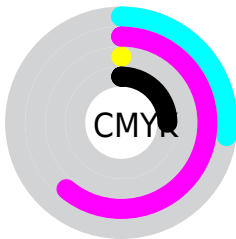
Distribution



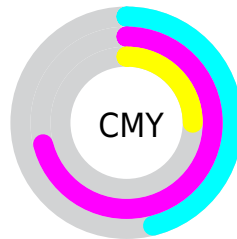
- Red (54%)
- Green (29%)
- Blue (75%)



- Red (54%)
- Yellow (29%)
- Blue (75%)



- Cyan (27%)
- Magenta (61%)
- Yellow (0%)
- Black (25%)



- Cyan (46%)
- Magenta (71%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.9470, 40.9451, 27.2335 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 106.9470, 40.9451, 27.2335 by changing the saturation by 10% instead.

■ 106.9470, 40.9451,
27.2335

■ 106.9470, 40.9451,
27.2335

■ 255.0000, 0.0000,
0.0000

■ 81.1210, 40.3663,
26.2039

■ 160.7130, 42.5395,
29.1927

■ 53.8220, 40.5138,
25.5891

■ 186.1450, 33.9455,
32.3218

■ 29.2840, 39.7930,
23.4299

■ 210.9640, 21.7097,
36.8656

■ 18.0620, 33.0004,
8.7156

■ 227.9980, 13.3120,
23.6808

■ 6.9540, 26.6447,
-6.0987

■ 245.0210, 4.9196,
8.7516

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 106.9470, 40.9451,
27.2335

■ 106.9470, 40.9451,
27.2335

■ 93.1030, 47.7702,
31.4817

■ 120.7910, 34.1200,
22.9853

■ 79.5580, 54.4479,
36.3446

■ 134.3360, 27.4424,
18.1223

■ 65.7140, 61.2730,
40.5928

■ 148.1800, 20.6173,
13.8741

■ 52.7560, 67.6613,
44.9410

■ 161.7250, 13.9396,
9.0112

■ 175.5690, 7.1145,
4.7630

■ 189.4130, 0.2894,
0.5148

■ 202.9580, -6.3883,
-4.3482

■ 216.8020,
-13.2134, -8.5964

■ 230.3470,
-19.8911, -13.4593

Harmonies

Analogous

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



86.0140, 65.5621, -75.4343



106.9470, 40.9451, 27.2335



94.3750, 22.0001, 83.8631

Triad

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



106.9470, 40.9451, 27.2335



99.4630, -49.0353, 47.8289



91.2440, 19.5997, -80.0210

Complementary

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



106.9470, 40.9451, 27.2335



158.0530, -40.9451, -27.2335

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.



83.1160, -6.4662, -72.8927



106.9470, 40.9451, 27.2335



96.2530, -47.4527, 6.7941

Square

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



106.9470, 40.9451, 27.2335



94.5810, -34.3034, 82.8055



78.7900, -38.8435, -48.0508



96.1120, 43.3288, -84.2902

Rectangle

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



106.9470, 40.9451, 27.2335



83.3640, 8.6945, 104.9208



78.7900, -38.8435, -48.0508



88.3770, 11.1531, -77.5066

Sweetspot

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



106.9470, 40.9451, 27.2335



215.1920, 15.6813, 10.3556



119.8080, 34.6047, -39.2966



104.9760, 9.8718, 7.0370



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



106.9470, 40.9451, 27.2335



117.1210, 64.0303, 42.8669



122.0390, 31.5328, 59.6018



87.5210, 3.1941, 2.1741



44.0250, 56.1897, 37.6891



8.6170, 11.0348, 7.3519

Inverse Universe

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



115.3130, 5.7617, 65.5005



130.0540, 8.8474, 102.5616



142.9610, -31.5328, -59.6018



88.1470, 0.4205, 5.1331



55.3360, 7.7224, 90.0363



10.8650, 1.5456, 17.6584

Previews

White Background



This preview shows how the YUV color 106.9470, 40.9451, 27.2335 looks on a white background.

Color Contrast Check

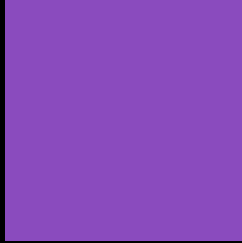
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.9470, 40.9451, 27.2335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

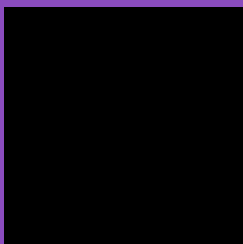
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.9470, 40.9451, 27.2335

Background



This preview shows how black text looks on a background with the YUV color 106.9470, 40.9451, 27.2335.



This preview shows how white text looks on a background with the YUV color 106.9470, 40.9451, 27.2335.

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

106.9470, 40.9451, 27.2335

Protanopia

83.9110, 65.1199, -73.5899

Deuteranopia

96.0440, 43.3623, -48.2736



Tritanopia

106.9740, -0.4802, 14.0548

Trichromacy



Original Color

106.9470, 40.9451, 27.2335



Protanomaly

92.5520, 56.4229, -37.3181



Deuteranomaly

99.6930, 42.5494, -20.7788



Tritanomaly

106.7200, 14.9280, 18.6626

Monochromacy



Original Color

106.9470, 40.9451, 27.2335



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.6650, 14.9552, 9.9408

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.9470, 40.9451, 27.2335 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(138, 75, 190)` looks like.

```
.text, #text, p{  
    color:rgb(138, 75, 190)  
}
```

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(138, 75, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 75, 190) }
```

Border

The CSS property to change the border of an element to YUV 106.9470, 40.9451, 27.2335 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(138, 75, 190) }
```


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

```
.border{ border-color:rgb(138, 75, 190) }
```

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

Here you see how a box with a 4 pixel rgb(138, 75, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 75, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 75, 190);  
box-shadow:4px 4px 4px 4px rgb(138, 75,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 106.9470, 40.9451, 27.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 75, 190) }
```

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

```
.background{ background-color: rgb(138, 75,  
190) }
```

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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