

Converting Colors

YUV(107.8040, 51.3686,
44.0219)

Have a look what the booklet for
YUV(107.8040, 51.3686, 44.0219)
contains.

YUV(107.8040, 51.3686, 44.0219)	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(107.8040, 51.3686,
44.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3ED4
RGB	158, 62, 212
RGB Percent	62%, 24%, 83%
CMY	0.3804, 0.7569, 0.1686
CMYK	0.25, 0.71, 0.00, 0.17
HSL	278°, 64%, 54%
HSV	278°, 71%, 83%
XYZ	27.7068, 15.4678, 63.8126
YIQ	107.8040, 9.0660, 67.0020

Conversions

Conversions Part 2

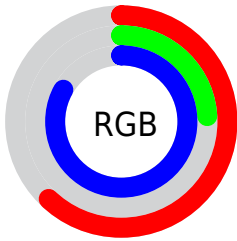
Format	Color
RYB	158, 62, 212
Decimal	10370772
CIELab	46.27, 63.13, -60.01
CIELCh	46, 87.101, 316.450
Yxy	15.4678, 0.2590, 0.1446
Android (android.graphics.Color)	4288560852 (0xFF9E3ED4)
YUV	107.8040, 51.3686, 44.0219
Hunter-Lab	39.3291, 56.9248, -68.6693

Details

The YUV color **107.8040, 51.3686, 44.0219** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **166.1960, -51.3686, -44.0219**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3330, 45.6848, 47.0660**, and **47.9830, 53.2524, 46.4959** is the 20% darker color. If you saturate the color by 10%, you get **93.0850, 58.6251, 49.9145**, and if you desaturate by 10%, it is **122.5230, 44.1122, 38.1293**.

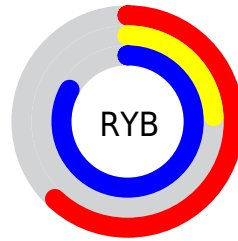
Distribution



Red (62%)

Green (24%)

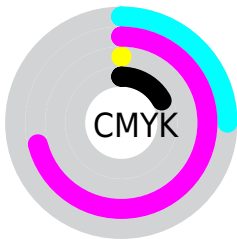
Blue (83%)



Red (62%)

Yellow (24%)

Blue (83%)

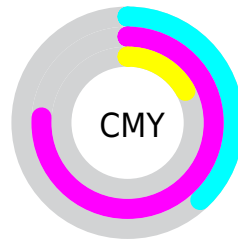


Cyan (25%)

Magenta (71%)

Yellow (0%)

Black (17%)



Cyan (38%)

Magenta (76%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.8040, 51.3686, 44.0219 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 107.8040, 51.3686, 44.0219 by changing the saturation by 10% instead.

107.8040, 51.3686,
44.0219

107.8040, 51.3686,
44.0219

255.0000, 0.0000,
0.0000

77.7440, 52.3842,
44.9515

162.3330, 45.6848,
47.0660

47.9830, 53.2524,
46.4959

187.7390, 33.1597,
51.0949

36.3480, 46.1704,
31.2668

206.8660, 23.7301,
42.2135

24.7130, 39.0885,
16.0377

223.3020, 15.6271,
27.7991

11.0990, 33.4752,
-3.5948

240.3250, 7.2348,
12.8700

7.4440, 23.4451,
-6.5284

4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 107.8040, 51.3686,
44.0219

■ 107.8040, 51.3686,
44.0219

■ 93.0850, 58.6251,
49.9145

■ 122.5230, 44.1122,
38.1293

■ 78.6650, 65.7342,
56.4218

■ 136.9430, 37.0031,
31.6220

■ 64.8320, 72.5538,
62.4143

■ 152.2490, 29.4572,
25.2146

■ 166.9680, 22.2008,
19.3221

181.3880, 15.0917,
12.8147

196.1070, 7.8352,
6.9222

210.5270, 0.7262,
0.4148

225.8330, -6.8197,
-5.9925

240.5520,
-14.0761, -11.8851

Harmonies

Analogous

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



91.0640, 79.8344, -79.8631



107.8040, 51.3686, 44.0219



82.1250, 31.4904, 120.0394

Triad

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



107.8040, 51.3686, 44.0219



103.3170, -50.9353, 50.5880



98.5790, 24.8576, -86.4538

Complementary

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



107.8040, 51.3686, 44.0219



166.1960, -51.3686, -44.0219

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.



88.0400, -7.9077, -77.2111



107.8040, 51.3686, 44.0219



98.8560, -48.7360, -1.6277

Square

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



107.8040, 51.3686, 44.0219



90.3680, -44.5514, 103.1633



76.8970, -37.9102, -67.4387



105.0430, 54.7018, -92.1227

Rectangle

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



107.8040, 51.3686, 44.0219



80.2410, 8.7552, 132.2156



76.8970, -37.9102, -67.4387



95.1420, 14.2270, -83.4395

Sweetspot

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



107.8040, 51.3686, 44.0219



217.6210, 18.4278, 16.1184



111.3850, 49.6032, -43.3106



105.6280, 11.0294, 9.0962



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.



107.8040, 51.3686, 44.0219



104.2990, 74.2956, 63.7588



121.6700, 34.6727, 79.2194



99.3470, 3.7729, 3.2037



52.0850, 58.6251, 49.9145



13.2740, 14.6549, 12.9147

Inverse Universe

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



113.0060, 1.4760, 86.8177



111.7750, 2.0829, 125.6083



152.3300, -34.6727, -79.2194



99.7450, 0.1257, 6.3626



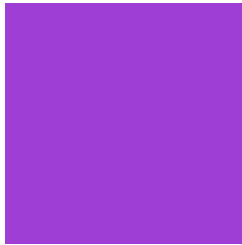
58.1970, 1.8749, 98.9282



14.6810, 0.6503, 24.8358

Previews

White Background



This preview shows how the YUV color 107.8040, 51.3686, 44.0219 looks on a white background.

Color Contrast Check

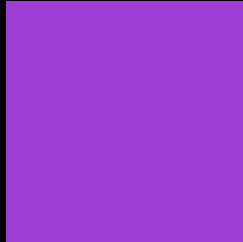
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.8040, 51.3686, 44.0219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

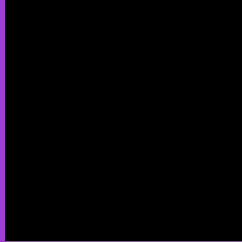
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.8040, 51.3686, 44.0219

Background



This preview shows how black text looks on a background with the YUV color 107.8040, 51.3686, 44.0219.



This preview shows how white text looks on a background with the YUV color 107.8040, 51.3686, 44.0219.

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

107.8040, 51.3686, 44.0219

Protanopia

87.8720, 67.6041, -77.0637

Deuteranopia

88.3160, 54.0742, -77.4531



Tritanopia

111.7690, -2.8441, 25.6356

Trichromacy



Original Color

107.8040, 51.3686, 44.0219



Protanomaly

94.9530, 61.6482, -33.2848



Deuteranomaly

95.3630, 53.0650, -33.6444



Tritanomaly

110.3780, 17.0686, 32.1175

Monochromacy



Original Color

107.8040, 51.3686, 44.0219



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

107.7350, 18.8646, 16.0184

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.8040, 51.3686, 44.0219 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(158, 62, 212)` looks like.

```
.text, #text, p{  
  color:rgb(158, 62, 212)  
}
```

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(158, 62, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 62, 212) }
```

Border

The CSS property to change the border of an element to YUV 107.8040, 51.3686, 44.0219 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(158, 62, 212) }
```


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

```
.border{ border-color:rgb(158, 62, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 62, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 62, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 62, 212);  
box-shadow:4px 4px 4px 4px rgb(158, 62,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 107.8040, 51.3686, 44.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 62, 212) }
```

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

```
.background{ background-color: rgb(158, 62,  
212) }
```

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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