

Converting Colors

YUV(88.7760, 16.8724, 48.4314)

Have a look what the booklet for
YUV(88.7760, 16.8724, 48.4314)
contains.

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Color

**YUV(88.7760, 16.8724,
48.4314)**

Conversions

Conversions Part 1

Format	Color
Hex	90367B
RGB	144, 54, 123
RGB Percent	56%, 21%, 48%
CMY	0.4353, 0.7882, 0.5176
CMYK	0.00, 0.62, 0.15, 0.44
HSL	314°, 45%, 39%
HSV	314°, 62%, 56%
XYZ	16.3959, 9.9977, 19.8045
YIQ	88.7760, 31.4910, 40.5390

Conversions

Conversions Part 2

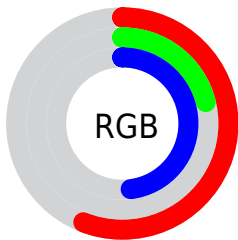
Format	Color
R_{YB}	144, 54, 123
Decimal	9451131
CIE _{Lab}	37.84, 46.27, -20.49
CIE _{LCh}	38, 50.609, 336.113
Yxy	9.9977, 0.3549, 0.2164
Android (android.graphics.Color)	4287641211 (0xFF90367B)
YUV	88.7760, 16.8724, 48.4314
Hunter-Lab	31.6191, 37.2267, -15.0026

Details

The YUV color **88.7760, 16.8724, 48.4314** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **109.2240, -16.8724, -48.4314**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0860, 16.7196, 50.7906**, and **35.3460, 19.0564, 47.9316** is the 20% darker color. If you saturate the color by 10%, you get **80.2160, 19.6135, 55.9386**, and if you desaturate by 10%, it is **97.3360, 14.1314, 40.9243**.

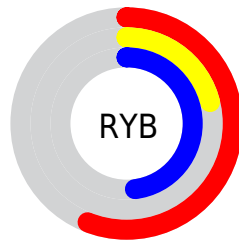
Distribution



Red (56%)

Green (21%)

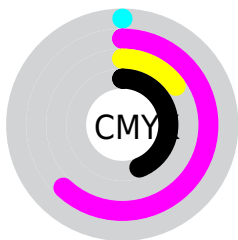
Blue (48%)



Red (56%)

Yellow (21%)

Blue (48%)

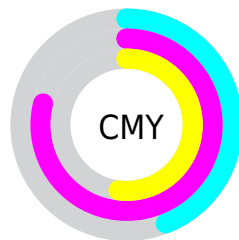


Cyan (0%)

Magenta (62%)

Yellow (15%)

Black (44%)



Cyan (44%)

Magenta (79%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7760, 16.8724, 48.4314 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 88.7760, 16.8724, 48.4314 by changing the saturation by 10% instead.

88.7760, 16.8724,
48.4314

88.7760, 16.8724,
48.4314

255.0000, 0.0000,
0.0000

61.4170, 18.0354,
48.7463

142.0860, 16.7196,
50.7906

35.3460, 19.0564,
47.9316

169.6840, 16.4248,
52.0201

25.2490, 12.6952,
34.8616

196.4990, 17.0090,
51.3054

15.9780, 6.9128,
22.8213

215.6710, 19.3892,
34.4915

0.0000, 0.0000,
0.0000

232.1070, 11.2862,
20.0772

249.1300, 2.8939,

5.1480

■ 88.7760, 16.8724,
48.4314

■ 88.7760, 16.8724,
48.4314

■ 80.2160, 19.6135,
55.9386

■ 97.3360, 14.1314,
40.9243

■ 70.9550, 22.2072,
64.0605

■ 106.5970, 11.5377,
32.8024

■ 62.3950, 24.9483,
71.5676

■ 115.1570, 8.7966,
25.2953

■ 55.5960, 26.8212,
77.5303

■ 124.3040, 5.7661,
17.2734

■ 132.9780, 3.4618,
9.6663

■ 141.5380, 0.7208,
2.1592

■ 150.7990, -1.8729,
-5.9627

■ 159.3590, -4.6140,
-13.4698

■ 168.5060, -7.6445,
-21.4918

Harmonies

Analogous

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



91.1220, 31.9849, 7.7860



88.7760, 16.8724, 48.4314



83.3150, -0.6483, 68.1297

Triad

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



88.7760, 16.8724, 48.4314



82.7300, -40.7859, 15.1458



78.3130, 28.4397, -68.6805

Complementary

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



88.7760, 16.8724, 48.4314



109.2240, -16.8724, -48.4314

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.



74.4540, 11.1152, -65.2962



88.7760, 16.8724, 48.4314



76.9970, -32.5365, -17.5374

Square

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



88.7760, 16.8724, 48.4314



84.1340, -39.9991, 42.8555



67.7910, -6.7990, -59.4527



78.5700, 42.1170, -68.9059

Rectangle

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



88.7760, 16.8724, 48.4314



83.2750, -13.4466, 66.4108



67.7910, -6.7990, -59.4527



76.9450, 23.1981, -67.4808

Sweetspot

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



88.7760, 16.8724, 48.4314



164.5430, 6.6343, 18.8178



70.5390, 36.2163, 3.9123



81.1030, 3.8932, 11.3107



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



88.7760, 16.8724, 48.4314



100.7590, 26.2478, 74.7564



83.6460, -2.7835, 52.9305



66.7770, 1.5889, 3.7036



52.2210, 25.5270, 72.5972



3.0760, 1.4415, 4.3183

Inverse Universe

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



88.7760, 16.8724, 48.4314



100.7590, 26.2478, 74.7564



114.3540, 2.7835, -52.9305



66.7770, 1.5889, 3.7036



52.2210, 25.5270, 72.5972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 88.7760, 16.8724, 48.4314 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 ✓ Pass

Black Background



This preview shows how the YUV color 88.7760, 16.8724, 48.4314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

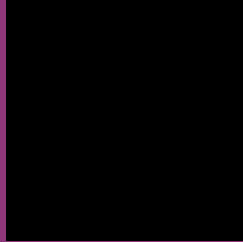
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7760, 16.8724, 48.4314

Background



This preview shows how black text looks on a background with the YUV color 88.7760, 16.8724, 48.4314.



This preview shows how white text looks on a background with the YUV color 88.7760, 16.8724,

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

88.7760, 16.8724, 48.4314

Protanopia

88.0060, 31.0560, -21.0533

Deuteranopia

90.2240, 13.6936, -5.4584



Tritanopia

89.0980, -8.4293, 43.7641

Trichromacy



Original Color

88.7760, 16.8724, 48.4314

Protanomaly

88.4930, 25.8860, 3.9526

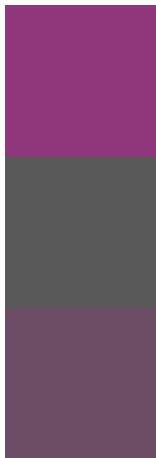
Deuteranomaly

89.9860, 14.7969, 14.0443

Tritanomaly

88.9270, 1.0220, 45.6680

Monochromacy



Original Color

88.7760, 16.8724, 48.4314

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.7170, 6.0555, 17.7882

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7760, 16.8724, 48.4314 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(144, 54, 123)` looks like.

```
.text, #text, p{  
    color:rgb(144, 54, 123)  
}
```

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(144, 54, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 54, 123) }
```

Border

The CSS property to change the border of an element to YUV 88.7760, 16.8724, 48.4314 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(144, 54, 123) }
```


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

```
.border{ border-color:rgb(144, 54, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 54, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 54, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 54, 123);  
box-shadow:4px 4px 4px 4px rgb(144, 54,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 88.7760, 16.8724, 48.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 54, 123) }
```

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

```
.background{ background-color: rgb(144, 54,  
123) }
```

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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