

Converting Colors

YUV(64.4860, 50.5394, 76.7498)

Have a look what the booklet for
YUV(64.4860, 50.5394, 76.7498)
contains.

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Color

**YUV(64.4860, 50.5394,
76.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	9800A7
RGB	152, 0, 167
RGB Percent	60%, 0%, 65%
CMY	0.4039, 1.0000, 0.3451
CMYK	0.09, 1.00, 0.00, 0.35
HSL	295°, 100%, 33%
HSV	295°, 100%, 65%
XYZ	19.9239, 9.4654, 37.3361
YIQ	64.4860, 36.9850, 84.1610

Conversions

Conversions Part 2

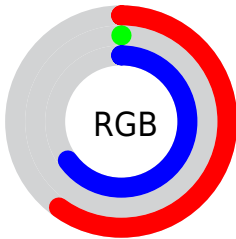
Format	Color
R_{YB}	152, 0, 167
Decimal	9961639
CIE _{Lab}	36.87, 69.15, -48.84
CIE _{LCh}	37, 84.658, 324.767
Yxy	9.4654, 0.2986, 0.1419
Android (android.graphics.Color)	4288151719 (0xFF9800A7)
YUV	64.4860, 50.5394, 76.7498
Hunter-Lab	30.7659, 61.7558, -50.4155

Details

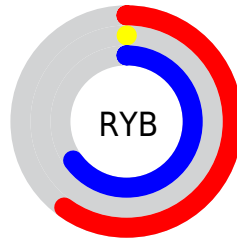
The YUV color **64.4860, 50.5394, 76.7498** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **102.5140, -50.5394, -76.7498**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1720, 43.2992, 65.6242**, and **41.7000, 35.6439, 47.6211** is the 20% darker color. If you saturate the color by 10%, you get **64.4860, 50.5394, 76.7498**, and if you desaturate by 10%, it is **75.0630, 45.3249, 69.2277**.

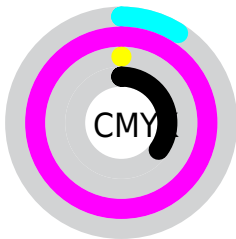
Distribution



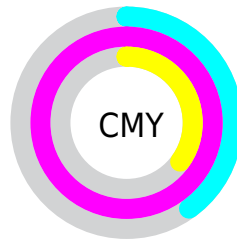
- Red (60%)
- Green (0%)
- Blue (65%)



- Red (60%)
- Yellow (0%)
- Blue (65%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.4860, 50.5394, 76.7498 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 64.4860, 50.5394, 76.7498 by changing the saturation by 10% instead.

64.4860, 50.5394,
76.7498

64.4860, 50.5394,
76.7498

255.0000, 0.0000,
0.0000

53.0360, 42.8733,
62.2354

135.1720, 43.2992,
65.6242

41.7000, 35.6439,
47.6211

164.4710, 43.1518,
66.2389

30.4780, 28.8513,
32.9068

185.7340, 34.1481,
60.7463

19.9680, 22.2008,
19.3221

202.7570, 25.7558,
45.8171

4.6740, 17.9087,
-4.0991

219.7800, 17.3635,
30.8879

2.7530, 8.0098,
-2.4144

236.8030, 8.9711,

0.0000, 0.0000,

15.9588

0.0000

254.4130, 0.2894,
0.5148

■ 64.4860, 50.5394,
76.7498

■ 75.0630, 45.3249,
69.2277

■ 84.7540, 40.5473,
61.6057

■ 95.0320, 35.4802,
53.4689

■ 105.6090, 30.2658,
45.9469

■ 115.3000, 25.4881,
38.3249

■ 125.8770, 20.2736,
30.8029

■ 136.4540, 15.0592,
23.2808

■ 146.7320, 9.9921,
15.1440

■ 156.4230, 5.2145,
7.5220

Harmonies

Analogous

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



68.4210, 71.7704, -60.0052



64.4860, 50.5394, 76.7498



69.6340, 15.9564, 109.0690

Triad

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



64.4860, 50.5394, 76.7498



81.9430, -40.3979, 30.7450



82.6330, 29.7609, -72.4691

Complementary

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



64.4860, 50.5394, 76.7498



102.5140, -50.5394, -76.7498

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.



73.3650, -0.6729, -64.3411



64.4860, 50.5394, 76.7498



72.4650, -35.7252, -21.4558

Square

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



64.4860, 50.5394, 76.7498



72.8150, -35.8978, 80.8462



63.3960, -31.2542, -55.5983



87.9570, 55.2372, -77.1383

Rectangle

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



64.4860, 50.5394, 76.7498



65.8140, -3.8523, 115.9271



63.3960, -31.2542, -55.5983



79.4240, 20.0040, -69.6548

Sweetspot

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



64.4860, 50.5394, 76.7498



177.0510, 19.6949, 29.7733



29.0170, 68.0256, -25.4479



85.3240, 12.1653, 18.1329



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



64.4860, 50.5394, 76.7498



83.6410, 65.7460, 99.4158



61.3330, 19.0628, 92.6700



79.0050, 2.4625, 3.5036



57.2370, 44.7462, 68.1982



7.9610, 5.9352, 9.6812

Inverse Universe

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



51.6430, -18.0650, 101.1681



67.0490, -23.6882, 131.5070



105.6670, -19.0628, -92.6700



78.3920, -1.1793, 4.9182



45.7340, -16.1379, 89.6873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 64.4860, 50.5394, 76.7498 looks on a white background.

Color Contrast Check

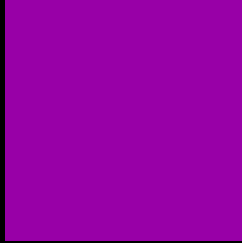
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.4860, 50.5394, 76.7498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

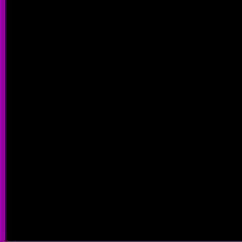
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.4860, 50.5394, 76.7498

Background



This preview shows how black text looks on a background with the YUV color 64.4860, 50.5394, 76.7498.



This preview shows how white text looks on a background with the YUV color 64.4860, 50.5394,

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



Protanopia

71.2300, 54.6096, -62.4687

Deuteranopia

80.5840, 37.6731, -43.4852

Tritanopia

88.5820, -9.1609, 45.0936

Trichromacy



Protanomaly

68.9080, 53.2894, -12.1973

Deuteranomaly

74.8250, 42.4843, 0.1535

Tritanomaly

79.6800, 12.4828, 56.4086

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2850, 18.1005, 27.8141

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.4860, 50.5394, 76.7498 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(152, 0, 167)` looks like.

```
.text, #text, p{  
    color:rgb(152, 0, 167)  
}
```

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(152, 0, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 0, 167) }
```

Border

The CSS property to change the border of an element to YUV 64.4860, 50.5394, 76.7498 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(152, 0, 167) }
```

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

```
.border{ border-color:rgb(152, 0, 167) }
```

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

Here you see how a box with a 4 pixel rgb(152, 0, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 0, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 0, 167);  
box-shadow:4px 4px 4px 4px rgb(152, 0,  
167) }
```


Background

The CSS property to change the background color of an element to YUV 64.4860, 50.5394, 76.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 0, 167) }
```

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

```
.background{ background-color: rgb(152, 0,  
167) }
```

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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