

Converting Colors

YUV(64.0000, 40.9190, 82.4380)

Have a look what the booklet for
YUV(64.0000, 40.9190, 82.4380)
contains.

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Color

**YUV(64.0000, 40.9190,
82.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0093
RGB	158, 0, 147
RGB Percent	62%, 0%, 58%
CMY	0.3804, 1.0000, 0.4235
CMYK	0.00, 1.00, 0.07, 0.38
HSL	304°, 100%, 31%
HSV	304°, 100%, 62%
XYZ	19.3670, 9.3757, 28.3927
YIQ	64.0000, 46.9810, 79.2130

Conversions

Conversions Part 2

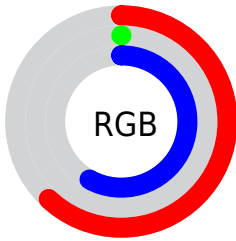
Format	Color
R_{YB}	158, 0, 147
Decimal	10354835
CIE _{Lab}	36.70, 67.08, -36.92
CIE _{LCh}	37, 76.566, 331.174
Y _{xy}	9.3757, 0.3390, 0.1641
Android (android.graphics.Color)	4288544915 (0xFF9E0093)
YUV	64.0000, 40.9190, 82.4380
Hunter-Lab	30.6197, 59.3169, -33.5439

Details

The YUV color **64.0000, 40.9190, 82.4380** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **94.0000, -40.9190, -82.4380**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5720, 33.2420, 71.4124**, and **41.4420, 26.8971, 53.1094** is the 20% darker color. If you saturate the color by 10%, you get **64.0000, 40.9190, 82.4380**, and if you desaturate by 10%, it is **73.5060, 36.7255, 74.1012**.

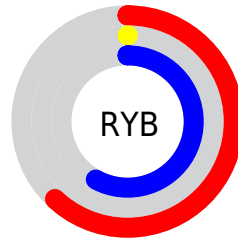
Distribution



Red (62%)

Green (0%)

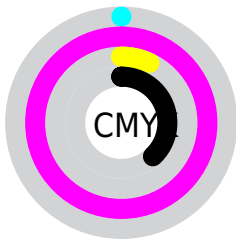
Blue (58%)



Red (62%)

Yellow (0%)

Blue (58%)

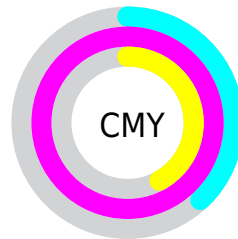


Cyan (0%)

Magenta (100%)

Yellow (7%)

Black (38%)



Cyan (38%)


Magenta (100%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 64.0000, 40.9190, 82.4380 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 64.0000, 40.9190, 82.4380 by changing the saturation by 10% instead.


 64.0000, 40.9190,
82.4380


 64.0000, 40.9190,
82.4380


255.0000, 0.0000,
0.0000

 52.6640, 33.6896,
67.8237


 134.5720, 33.2420,
71.4124


 41.4420, 26.8971,
53.1094


 163.7570, 32.6578,
72.1271


 30.2200, 20.1045,
38.3951

 185.7340, 34.1481,
60.7463

 20.1230, 13.7434,
25.3251

 202.7570, 25.7558,
45.8171

 5.6550, 10.0301,
2.9336

 219.7800, 17.3635,
30.8879

 0.0000, 0.0000,
0.0000

 236.8030, 8.9711,

15.9588

254.4130, 0.2894,
0.5148

■ 64.0000, 40.9190,
82.4380

■ 73.5060, 36.7255,
74.1012

■ 83.0120, 32.5321,
65.7645

■ 91.9310, 28.6280,
57.9425

■ 101.4370, 24.4346,
49.6058

■ 110.9430, 20.2411,
41.2690

■ 120.5630, 16.4844,
32.8322

■ 130.0690, 12.2910,
24.4955

■ 138.9880, 8.3869,
16.6735

■ 148.4940, 4.1935,
8.3368

Harmonies

Analogous

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



83.5600, 54.4469, -10.1381



64.0000, 40.9190, 82.4380



65.8310, 10.4363, 106.2652

Triad

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



64.0000, 40.9190, 82.4380



80.9910, -39.9286, 20.1789



81.5560, 33.2499, -71.5246

Complementary

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



64.0000, 40.9190, 82.4380



94.0000, -40.9190, -82.4380

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.



74.4880, 6.1684, -65.3260



64.0000, 40.9190, 82.4380



69.7630, -34.3932, -28.7332

Square

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



64.0000, 40.9190, 82.4380



78.0210, -38.4644, 64.0026



64.6330, -23.9761, -56.6831



85.1530, 54.6476, -74.6792

Rectangle

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



64.0000, 40.9190, 82.4380



61.2710, -7.0356, 110.2643



64.6330, -23.9761, -56.6831



79.3900, 24.9507, -69.6250

Sweetspot

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



64.0000, 40.9190, 82.4380



170.0360, 15.7583, 32.4174



21.3010, 67.3926, -9.0340



82.3520, 9.6865, 19.8623



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



64.0000, 40.9190, 82.4380



83.7810, 53.3520, 108.0631



54.9940, 6.4120, 90.3363



74.1900, 1.8783, 4.2184



57.9190, 37.0149, 74.6160



6.0810, 3.9041, 7.8220

Inverse Universe

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



64.0000, 40.9190, 82.4380



83.7810, 53.3520, 108.0631



103.0060, -6.4120, -90.3363



74.1900, 1.8783, 4.2184



57.9190, 37.0149, 74.6160



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 64.0000, 40.9190, 82.4380 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

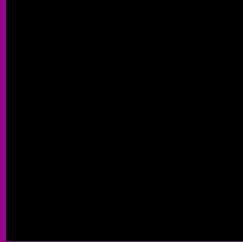
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.0000, 40.9190, 82.4380

Background



This preview shows how black text looks on a background with the YUV color 64.0000, 40.9190, 82.4380.



This preview shows how white text looks on a background with the YUV color 64.0000, 40.9190,

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

87.1110, 25.0883, -20.2683

Tritanopia

85.8500, -12.2510, 56.2596

Trichromacy



Protanomaly

68.5940, 49.5002, -10.1679

Deuteranomaly

78.8350, 30.6473, 16.8077

Tritanomaly

77.9540, 6.9247, 65.8153

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0850, 14.7481, 29.7435

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0000, 40.9190, 82.4380 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, 0, 147)` looks like.

```
.text, #text, p{  
    color:rgb(158, 0, 147)  
}
```

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, 0, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 0, 147) }
```

Border

The CSS property to change the border of an element to YUV 64.0000, 40.9190, 82.4380 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, 0, 147) }
```

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

```
.border{ border-color:rgb(158, 0, 147) }
```

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

Here you see how a box with a 4 pixel rgb(158, 0, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 0, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 0, 147);  
box-shadow:4px 4px 4px 4px rgb(158, 0,  
147) }
```


Background

The CSS property to change the background color of an element to YUV 64.0000, 40.9190, 82.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 0, 147) }
```

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

```
.background{ background-color: rgb(158, 0,  
147) }
```

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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