

Converting Colors

YUV(64.5700, 43.1030, 81.9381)

Have a look what the booklet for
YUV(64.5700, 43.1030, 81.9381)
contains.

YUV(64.5700, 43.1030, 81.9381)	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>	30

Color

**YUV(64.5700, 43.1030,
81.9381)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0098
RGB	158, 0, 152
RGB Percent	62%, 0%, 60%
CMY	0.3804, 1.0000, 0.4039
CMYK	0.00, 1.00, 0.04, 0.38
HSL	302°, 100%, 31%
HSV	302°, 100%, 62%
XYZ	19.7680, 9.5361, 30.5045
YIQ	64.5700, 45.3760, 80.7680

Conversions

Conversions Part 2

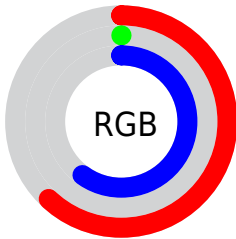
Format	Color
R_{YB}	158, 0, 152
Decimal	10354840
CIE _{Lab}	37.00, 67.81, -39.49
CIE _{LCh}	37, 78.470, 329.782
Yxy	9.5361, 0.3305, 0.1594
Android (android.graphics.Color)	4288544920 (0xFF9E0098)
YUV	64.5700, 43.1030, 81.9381
Hunter-Lab	30.8806, 60.2249, -36.9516

Details

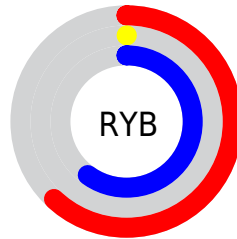
The YUV color **64.5700, 43.1030, 81.9381** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **93.4300, -43.1030, -81.9381**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1420, 35.4260, 70.9125**, and **41.8980, 28.6443, 52.7095** is the 20% darker color. If you saturate the color by 10%, you get **64.5700, 43.1030, 81.9381**, and if you desaturate by 10%, it is **74.0760, 38.9095, 73.6013**.

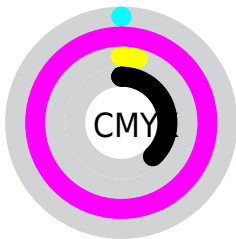
Distribution



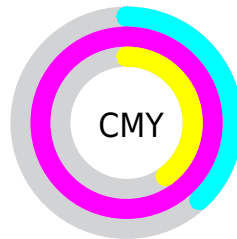
- Red (62%)
- Green (0%)
- Blue (60%)



- Red (62%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.5700, 43.1030, 81.9381 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 64.5700, 43.1030, 81.9381 by changing the saturation by 10% instead.

64.5700, 43.1030,
81.9381

64.5700, 43.1030,
81.9381

255.0000, 0.0000,
0.0000

53.2340, 35.8736,
67.3238

135.1420, 35.4260,
70.9125

41.8980, 28.6443,
52.7095

164.3270, 34.8418,
71.6272

30.7900, 22.2885,
37.8952

186.3210, 33.8587,
60.2315

20.5790, 15.4906,
24.9252

202.7570, 25.7558,
45.8171

6.7090, 11.4825,
3.7632

219.7800, 17.3635,
30.8879

0.0000, 0.0000,
0.0000

237.3900, 8.6817,

15.4440

■ 64.5700, 43.1030,
81.9381

■ 74.0760, 38.9095,
73.6013

■ 83.4680, 34.2793,
65.3646

■ 92.3870, 30.3752,
57.5426

■ 101.7790, 25.7450,
49.3058

■ 111.2850, 21.5515,
40.9691

■ 120.7910, 17.3580,
32.6323

■ 130.1830, 12.7278,
24.3955

■ 139.1020, 8.8237,
16.5735

■ 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.



82.6130, 57.3788, -17.2006



64.5700, 43.1030, 81.9381



67.1840, 11.7413, 107.7096

Triad

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



64.5700, 43.1030, 81.9381



81.8880, -40.3708, 22.0232



82.7300, 32.6711, -72.5542

Complementary

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



64.5700, 43.1030, 81.9381



93.4300, -43.1030, -81.9381

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.



74.8470, 5.0054, -65.6408



64.5700, 43.1030, 81.9381



70.6600, -34.8354, -26.8888

Square

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



64.5700, 43.1030, 81.9381



78.0430, -38.4752, 67.4913



64.3080, -27.7598, -56.3981



86.5550, 54.9424, -75.9087

Rectangle

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



64.5700, 43.1030, 81.9381



62.5100, -6.1674, 111.8087



64.3080, -27.7598, -56.3981



80.4500, 23.9351, -70.5547

Sweetspot

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



64.5700, 43.1030, 81.9381



170.2640, 16.6318, 32.2175



19.5070, 68.2770, -12.7226



82.4660, 10.1233, 19.7623



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.



64.5700, 43.1030, 81.9381



84.5790, 56.4096, 107.3632



55.6780, 9.0327, 89.7364



74.3040, 2.3151, 4.1184



58.3750, 38.7621, 74.2161



6.1950, 4.3409, 7.7220

Inverse Universe

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



64.5700, 43.1030, 81.9381



84.5790, 56.4096, 107.3632



102.3220, -9.0327, -89.7364



74.3040, 2.3151, 4.1184



58.3750, 38.7621, 74.2161



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 64.5700, 43.1030, 81.9381 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

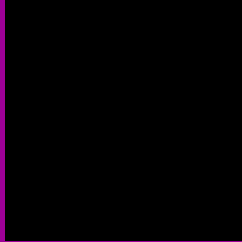
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.5700, 43.1030, 81.9381

Background



This preview shows how black text looks on a background with the YUV color 64.5700, 43.1030, 81.9381.



This preview shows how white text looks on a background with the YUV color 64.5700, 43.1030,

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

71.9310, 54.7570, -63.0835

Deuteranopia

87.0720, 27.5725, -23.7421

Tritanopia

87.0670, -11.3720, 54.3152

Trichromacy



Protanomaly

68.9360, 50.8106, -10.4679

Deuteranomaly

78.8070, 33.1261, 15.0783

Tritanomaly

78.6980, 8.5299, 64.2859

Monochromacy



Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7260, 15.9111, 30.0583

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5700, 43.1030, 81.9381 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 0, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 0, 152) }
```

Border

The CSS property to change the border of an element to YUV 64.5700, 43.1030, 81.9381 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, 152) }
```

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

```
.border{ border-color:rgb(158, 0, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 0, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 0, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 0,  
152) }
```


Background

The CSS property to change the background color of an element to YUV 64.5700, 43.1030, 81.9381 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, 152) }
```

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

```
.background{ background-color: rgb(158, 0,  
152) }
```

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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