

Converting Colors

YUV(78.3710, 48.1311, 55.8026)

Have a look what the booklet for
YUV(78.3710, 48.1311, 55.8026)
contains.

YUV(78.3710, 48.1311, 55.8026)	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(78.3710, 48.1311,
55.8026)**

Conversions

Conversions Part 1

Format	Color
Hex	8E1BB0
RGB	142, 27, 176
RGB Percent	56%, 11%, 69%
CMY	0.4431, 0.8941, 0.3098
CMYK	0.19, 0.85, 0.00, 0.31
HSL	286°, 73%, 40%
HSV	286°, 85%, 69%
XYZ	19.3837, 9.6692, 41.9190
YIQ	78.3710, 20.7110, 70.7190

Conversions

Conversions Part 2

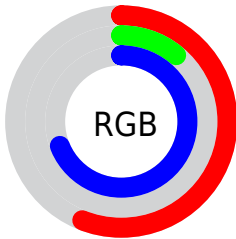
Format	Color
R_{YB}	142, 27, 176
Decimal	9313200
CIE _{Lab}	37.24, 64.82, -53.70
CIE _{LCh}	37, 84.170, 320.360
Yxy	9.6692, 0.2731, 0.1362
Android (android.graphics.Color)	4287503280 (0xFF8E1BB0)
YUV	78.3710, 48.1311, 55.8026
Hunter-Lab	31.0954, 56.8534, -58.1607

Details

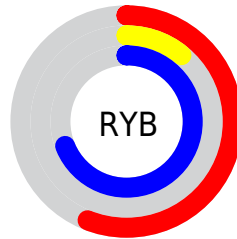
The YUV color **78.3710, 48.1311, 55.8026** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **124.6290, -48.1311, -55.8026**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.4910, 46.0999, 53.9434**, and **39.6220, 40.6124, 40.6735** is the 20% darker color. If you saturate the color by 10%, you get **66.6090, 53.9298, 62.6099**, and if you desaturate by 10%, it is **90.1330, 42.3324, 48.9954**.

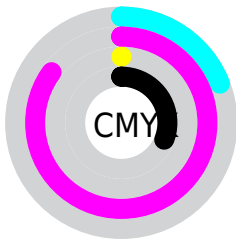
Distribution



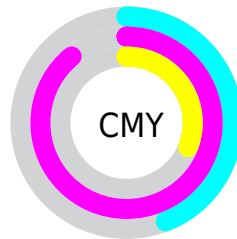
- Red (56%)
- Green (11%)
- Blue (69%)



- Red (56%)
- Yellow (11%)
- Blue (69%)



- Cyan (19%)
- Magenta (85%)
- Yellow (0%)
- Black (31%)





- Cyan (44%)
- Magenta (89%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.3710, 48.1311, 55.8026 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 78.3710, 48.1311, 55.8026 by changing the saturation by 10% instead.


 78.3710, 48.1311,
55.8026


 78.3710, 48.1311,
55.8026

255.0000, 0.0000,
0.0000


 51.0720, 48.2785,
55.1879


 138.4910, 46.0999,
53.9434


 39.6220, 40.6124,
40.6735


 166.2200, 43.7685,
55.0581


 28.4000, 33.8198,
25.9592


 189.8430, 32.1224,
57.1427

 17.7760, 26.7324,
12.4744

 206.8660, 23.7301,
42.2135

 5.4720, 20.9663,
-4.7989

 223.3020, 15.6271,
27.7991

 3.6650, 11.5042,
-3.2142

 240.9120, 6.9454,

 0.0000, 0.0000,

12.3552

0.0000

■ 78.3710, 48.1311,
55.8026

■ 78.3710, 48.1311,
55.8026

■ 66.6090, 53.9298,
62.6099

■ 90.1330, 42.3324,
48.9954

■ 60.7280, 56.8291,
66.0135

■ 101.3080, 36.8232,
42.7029

■ 113.0700, 31.0245,
35.8956

■ 124.2450, 25.5152,
29.6031

■ 136.0070, 19.7165,
22.7959

■ 147.7690, 13.9179,
15.9886

■ 158.9440, 8.4086,
9.6961

■ 170.7060, 2.6099,
2.8888

■ 181.8810, -2.8993,
-3.4036

Harmonies

Analogous

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



72.3990, 71.7813, -63.4939



78.3710, 48.1311, 55.8026



69.9910, 21.2034, 106.1249

Triad

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



78.3710, 48.1311, 55.8026



82.8730, -40.8564, 37.8224



81.6070, 25.8297, -71.5693

Complementary

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



78.3710, 48.1311, 55.8026



124.6290, -48.1311, -55.8026

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.



72.9260, -4.8935, -63.9561



78.3710, 48.1311, 55.8026



76.3630, -37.6470, -11.7194

Square

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



78.3710, 48.1311, 55.8026



69.6250, -34.3251, 89.7829



63.3960, -31.2542, -55.5983



87.7460, 51.8902, -76.9532

Rectangle

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



78.3710, 48.1311, 55.8026



67.2530, 0.3683, 115.5421



63.3960, -31.2542, -55.5983



78.9850, 15.7834, -69.2698

Sweetspot

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



78.3710, 48.1311, 55.8026



191.7680, 18.8484, 21.2515



64.5310, 54.9542, -32.9147



92.0630, 11.3079, 13.0997



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



78.3710, 48.1311, 55.8026



79.1430, 74.3725, 85.8206



83.9770, 25.6473, 80.7042



83.1190, 2.8993, 3.4036



52.7240, 49.4361, 57.2471



8.9440, 8.4086, 9.6961

Inverse Universe

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



75.4270, -7.1125, 88.2025



74.6980, -11.1901, 136.1999



119.0230, -25.6473, -80.7042



82.9190, -0.4531, 5.3330



49.7370, -7.2653, 90.5617



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 78.3710, 48.1311, 55.8026 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 78.3710, 48.1311, 55.8026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

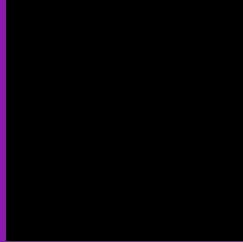
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3710, 48.1311, 55.8026

Background



This preview shows how black text looks on a background with the YUV color 78.3710, 48.1311, 55.8026.



This preview shows how white text looks on a background with the YUV color 78.3710, 48.1311,

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

78.3710, 48.1311, 55.8026

Protanopia

71.1160, 54.1728, -62.3687

Deuteranopia

71.5430, 43.1163, -62.7432



Tritanopia

89.3140, -6.0708, 33.9276

Trichromacy



Original Color

78.3710, 48.1311, 55.8026

Protanomaly

74.1090, 51.7113, -19.3896

Deuteranomaly

74.2740, 44.7279, -19.5343

Tritanomaly

85.5210, 13.5471, 41.6391

Monochromacy



Original Color

78.3710, 48.1311, 55.8026

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.8280, 17.8328, 20.3218

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3710, 48.1311, 55.8026 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(142, 27, 176)` looks like.

```
.text, #text, p{  
    color:rgb(142, 27, 176)  
}
```

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(142, 27, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 27, 176) }
```

Border

The CSS property to change the border of an element to YUV 78.3710, 48.1311, 55.8026 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(142, 27, 176) }
```


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

```
.border{ border-color:rgb(142, 27, 176) }
```

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

Here you see how a box with a 4 pixel rgb(142, 27, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 27, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 27, 176);  
box-shadow:4px 4px 4px 4px rgb(142, 27,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 78.3710, 48.1311, 55.8026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 27, 176) }
```

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

```
.background{ background-color: rgb(142, 27,  
176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor