

Converting Colors

YUV(97.2630, 4.8003, 47.1273)

Have a look what the booklet for
YUV(97.2630, 4.8003, 47.1273)
contains.

YUV(97.2630, 4.8003, 47.1273)	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(97.2630, 4.8003,
47.1273)**

Conversions

Conversions Part 1

Format	Color
Hex	97446B
RGB	151, 68, 107
RGB Percent	59%, 27%, 42%
CMY	0.4078, 0.7333, 0.5804
CMYK	0.00, 0.55, 0.29, 0.41
HSL	332°, 38%, 43%
HSV	332°, 55%, 59%
XYZ	17.4835, 11.7751, 15.2613
YIQ	97.2630, 36.9490, 29.7250

Conversions

Conversions Part 2

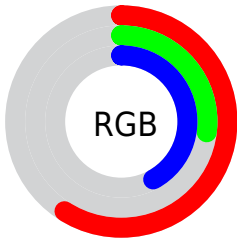
Format	Color
R _Y B	151, 68, 107
Decimal	9913451
CIE Lab	40.86, 39.29, -5.86
CIE LCh	41, 39.723, 351.514
Yxy	11.7751, 0.3927, 0.2645
Android (android.graphics.Color)	4288103531 (0xFF97446B)
YUV	97.2630, 4.8003, 47.1273
Hunter-Lab	34.3149, 30.8950, -2.3484

Details

The YUV color **97.2630, 4.8003, 47.1273** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **121.7370, -4.8003, -47.1273**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7580, 4.0633, 50.2012**, and **44.6480, 7.5685, 45.9127** is the 20% darker color. If you saturate the color by 10%, you get **87.5460, 5.6468, 55.6492**, and if you desaturate by 10%, it is **106.9800, 3.9539, 38.6055**.

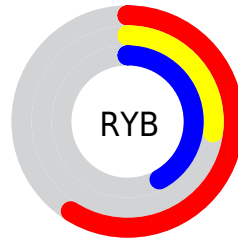
Distribution



Red (59%)

Green (27%)

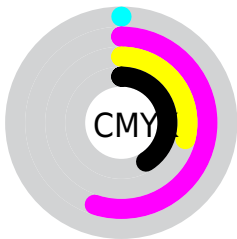
Blue (42%)



Red (59%)

Yellow (27%)

Blue (42%)

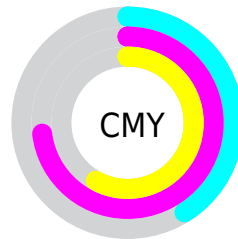


Cyan (0%)

Magenta (55%)

Yellow (29%)

Black (41%)



Cyan (41%)

Magenta (73%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2630, 4.8003, 47.1273 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 97.2630, 4.8003, 47.1273 by changing the saturation by 10% instead.

97.2630, 4.8003,
47.1273

97.2630, 4.8003,
47.1273

255.0000, 0.0000,
0.0000

71.7790, 5.5320,
45.7978

149.7580, 4.0633,
50.2012

44.6480, 7.5685,
45.9127

177.6550, 3.6211,
52.0456

25.5610, 6.1324,
39.8500

202.0780, 5.3845,
46.4126

16.5890, 0.2026,
28.4244

221.7060, 9.5119,
29.1988

0.0000, 0.0000,
0.0000

240.3250, 7.2348,
12.8700

97.2630, 4.8003,
47.1273

97.2630, 4.8003,
47.1273

87.5460, 5.6468,
55.6492

106.9800, 3.9539,
38.6055

77.8290, 6.4933,
64.1710

116.6970, 3.1074,
30.0837

68.1120, 7.3398,
72.6928

126.4140, 2.2609,
21.5619

58.3950, 8.1863,
81.2146

136.1310, 1.4144,
13.0401

53.2430, 8.7542,
85.7329

146.4350, 0.2785,
4.0035

156.1520, -0.5679,
-4.5183

165.8690, -1.4144,
-13.0401

175.5860, -2.2609,

-21.5619

■ 185.3030, -3.1074,
-30.0837

Harmonies

Analogous

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



99.3770, 18.5481, 24.2254



97.2630, 4.8003, 47.1273



95.5830, -10.6404, 52.9857

Triad

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



97.2630, 4.8003, 47.1273



90.6170, -29.3912, 0.3359



80.7410, 32.6657, -70.8099

Complementary

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



97.2630, 4.8003, 47.1273



121.7370, -4.8003, -47.1273

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.



79.3100, 19.5672, -69.5549



97.2630, 4.8003, 47.1273



84.8010, -15.1849, -29.6435

Square

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



97.2630, 4.8003, 47.1273



93.0870, -32.0879, 25.3567



75.5480, 5.1528, -66.2556



78.8150, 40.5172, -69.1208

Rectangle

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



97.2630, 4.8003, 47.1273



95.1450, -19.7915, 48.1078



75.5480, 5.1528, -66.2556



81.0030, 28.5925, -71.0396

Sweetspot

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



97.2630, 4.8003, 47.1273



175.9790, 1.9824, 17.5584



90.3190, 29.9157, 18.1372



87.2940, 0.8411, 10.2662



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



97.2630, 4.8003, 47.1273



112.5250, 7.6292, 73.2076



93.4040, -12.5242, 50.5117



71.7340, 0.1311, 4.6183



49.3840, 8.1917, 79.4702



4.5710, 0.7045, 7.3922

Inverse Universe

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



97.2630, 4.8003, 47.1273



112.5250, 7.6292, 73.2076



125.5960, 12.5242, -50.5117



71.7340, 0.1311, 4.6183



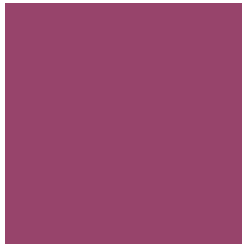
49.3840, 8.1917, 79.4702



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 97.2630, 4.8003, 47.1273 looks on a white background.

Color Contrast Check

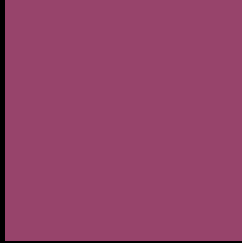
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 97.2630, 4.8003, 47.1273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

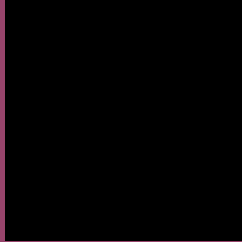
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.2630, 4.8003, 47.1273

Background



This preview shows how black text looks on a background with the YUV color 97.2630, 4.8003, 47.1273.



This preview shows how white text looks on a background with the YUV color 97.2630, 4.8003,

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

97.2630, 4.8003, 47.1273

Protanopia

97.3270, 14.1358, -7.3028

Deuteranopia

98.0160, 2.4571, 5.2480



Tritanopia

96.9950, -8.8715, 45.6084

Trichromacy



Original Color

97.2630, 4.8003, 47.1273

Protanomaly

97.5360, 10.5818, 12.6849

Deuteranomaly

97.9300, 2.9925, 20.2324

Tritanomaly

97.2600, -4.0722, 46.2530

Monochromacy



Original Color

97.2630, 4.8003, 47.1273

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9790, 1.9824, 17.5584

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2630, 4.8003, 47.1273 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(151, 68, 107)` looks like.

```
.text, #text, p{  
    color:rgb(151, 68, 107)  
}
```

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(151, 68, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 68, 107) }
```

Border

The CSS property to change the border of an element to YUV 97.2630, 4.8003, 47.1273 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(151, 68, 107) }
```


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

```
.border{ border-color:rgb(151, 68, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 68, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 68, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 68, 107);  
box-shadow:4px 4px 4px 4px rgb(151, 68,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 97.2630, 4.8003, 47.1273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 68, 107) }
```

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

```
.background{ background-color: rgb(151, 68,  
107) }
```

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