

Converting Colors

YUV(97.6500, 1.1585, 48.5419)

Have a look what the booklet for
YUV(97.6500, 1.1585, 48.5419)
contains.

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Color

**YUV(97.6500, 1.1585,
48.5419)**

Conversions

Conversions Part 1

Format	Color
Hex	994564
RGB	153, 69, 100
RGB Percent	60%, 27%, 39%
CMY	0.4000, 0.7294, 0.6078
CMYK	0.00, 0.55, 0.35, 0.40
HSL	338°, 38%, 44%
HSV	338°, 55%, 60%
XYZ	17.5652, 11.9486, 13.4371
YIQ	97.6500, 40.1130, 27.4490

Conversions

Conversions Part 2

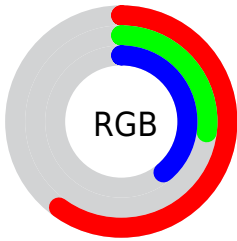
Format	Color
R_{YB}	153, 69, 100
Decimal	10044772
CIE Lab	41.13, 38.53, -1.07
CIE LCh	41, 38.547, 358.415
Yxy	11.9486, 0.4090, 0.2782
Android (android.graphics.Color)	4288234852 (0xFF994564)
YUV	97.6500, 1.1585, 48.5419
Hunter-Lab	34.5668, 30.2134, 1.1490

Details

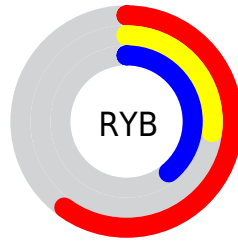
The YUV color **97.6500, 1.1585, 48.5419** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **124.3500, -1.1585, -48.5419**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.4440, 0.2741, 52.2306**, and **45.7360, 4.0742, 46.7125** is the 20% darker color. If you saturate the color by 10%, you get **87.7050, 1.1314, 57.2637**, and if you desaturate by 10%, it is **107.5950, 1.1857, 39.8202**.

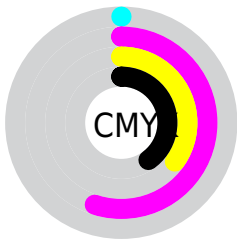
Distribution



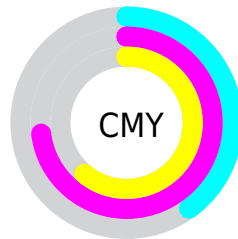
- Red (60%)
- Green (27%)
- Blue (39%)



- Red (60%)
- Yellow (27%)
- Blue (39%)



- Cyan (0%)
- Magenta (55%)
- Yellow (35%)
- Black (40%)



- Cyan (40%)
- Magenta (73%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6500, 1.1585, 48.5419 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 97.6500, 1.1585, 48.5419 by changing the saturation by 10% instead.

97.6500, 1.1585,
48.5419

97.6500, 1.1585,
48.5419

255.0000, 0.0000,
0.0000

72.1660, 1.8902,
47.2124

150.4440, 0.2741,
52.2306

45.7360, 4.0742,
46.7125

177.9280, -0.4575,
53.5601

25.1760, 3.3642,
41.0646

201.7530, 1.6008,
46.6976

15.8620, -3.8760,
29.9390

221.3810, 5.7282,
29.4839

0.2990, -0.1474,
0.6148

240.9120, 6.9454,
12.3552

0.0000, 0.0000,
0.0000

■ 97.6500, 1.1585,
48.5419

■ 97.6500, 1.1585,
48.5419

■ 87.7050, 1.1314,
57.2637

■ 107.5950, 1.1857,
39.8202

■ 77.2870, 1.8305,
66.4003

■ 118.0130, 0.4866,
30.6836

■ 67.3420, 1.8034,
75.1221

■ 127.9580, 0.5137,
21.9618

■ 57.3970, 1.7763,
83.8438

■ 137.9030, 0.5408,
13.2401

■ 52.1310, 1.9074,
88.4621

■ 148.3210, -0.1583,
4.1035

■ 158.2660, -0.1311,
-4.6183

■ 168.2110, -0.1040,
-13.3400

■ 178.0420, -0.5137,

-21.9618

■ 188.5740, -0.7760,
-31.1984

Harmonies

Analogous

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



100.1990, 15.1849, 29.6435



97.6500, 1.1585, 48.5419



96.1760, -13.3978, 50.7116

Triad

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



97.6500, 1.1585, 48.5419



90.7950, -26.0279, -5.0822



81.0830, 33.9761, -71.1098

Complementary

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



97.6500, 1.1585, 48.5419



124.3500, -1.1585, -48.5419

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.



80.1080, 22.6248, -70.2547



97.6500, 1.1585, 48.5419



84.1960, -10.9426, -37.0059

Square

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



97.6500, 1.1585, 48.5419



93.8690, -31.4874, 19.4089



76.4600, 8.6472, -67.0554



82.0120, 38.4481, -58.7695

Rectangle

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



97.6500, 1.1585, 48.5419



95.8410, -22.1066, 43.9894



76.4600, 8.6472, -67.0554



80.9860, 31.0659, -71.0247

Sweetspot

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



97.6500, 1.1585, 48.5419



177.9360, 0.5246, 18.4731



94.1240, 29.0259, 23.5703



87.1800, 0.4043, 10.3661



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.



97.6500, 1.1585, 48.5419



112.6410, 1.6560, 75.7368



99.9860, -15.2761, 46.4933



71.7340, 0.1311, 4.6183



47.7880, 2.0765, 80.8699



4.4570, 0.2677, 7.4922

Inverse Universe

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



97.6500, 1.1585, 48.5419



112.6410, 1.6560, 75.7368



122.0140, 15.2761, -46.4933



71.7340, 0.1311, 4.6183



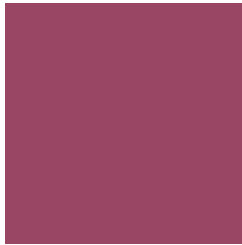
47.7880, 2.0765, 80.8699



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 97.6500, 1.1585, 48.5419 looks on a white background.

Color Contrast Check

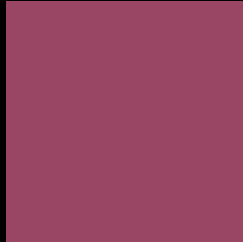
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.6500, 1.1585, 48.5419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

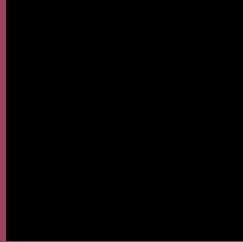
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.6500, 1.1585, 48.5419

Background



This preview shows how black text looks on a background with the YUV color 97.6500, 1.1585, 48.5419.

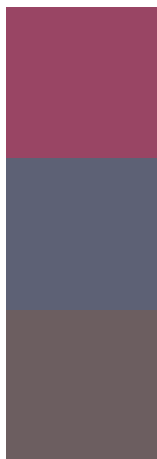


This preview shows how white text looks on a background with the YUV color 97.6500, 1.1585,

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

97.6500, 1.1585, 48.5419

Protanopia

98.0840, 9.3256, -4.4587

Deuteranopia

98.4140, -1.1901, 8.4069



Tritanopia

96.8920, -9.3138, 47.4527

Trichromacy



Original Color

97.6500, 1.1585, 48.5419

Protanomaly

98.1080, 6.3558, 14.8143

Deuteranomaly

98.0290, -0.5073, 22.7766

Tritanomaly

97.5160, -5.6774, 47.7825

Monochromacy



Original Color

97.6500, 1.1585, 48.5419

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.6370, 0.6720, 17.8584

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6500, 1.1585, 48.5419 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(153, 69, 100)` looks like.

```
.text, #text, p{  
    color:rgb(153, 69, 100)  
}
```

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(153, 69, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 69, 100) }
```

Border

The CSS property to change the border of an element to YUV 97.6500, 1.1585, 48.5419 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(153, 69, 100) }
```


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

```
.border{ border-color:rgb(153, 69, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 69, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 69, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 69, 100);  
box-shadow:4px 4px 4px 4px rgb(153, 69,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 97.6500, 1.1585, 48.5419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 69, 100) }
```

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

```
.background{ background-color: rgb(153, 69,  
100) }
```

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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