

Converting Colors

YUV(96.9300, 9.8945, 46.5424)

Have a look what the booklet for
YUV(96.9300, 9.8945, 46.5424)
contains.

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Color

**YUV(96.9300, 9.8945,
46.5424)**

Conversions

Conversions Part 1

Format	Color
Hex	964275
RGB	150, 66, 117
RGB Percent	59%, 26%, 46%
CMY	0.4118, 0.7412, 0.5412
CMYK	0.00, 0.56, 0.22, 0.41
HSL	324°, 39%, 42%
HSV	324°, 56%, 59%
XYZ	17.7368, 11.6648, 18.1463
YIQ	96.9300, 33.6930, 33.6690

Conversions

Conversions Part 2

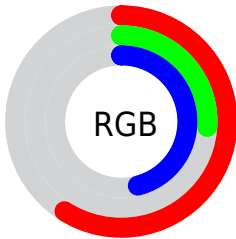
Format	Color
R_{YB}	150, 66, 117
Decimal	9847413
CIE _{Lab}	40.68, 41.42, -12.34
CIE _{LCh}	41, 43.221, 343.409
Yxy	11.6648, 0.3730, 0.2453
Android (android.graphics.Color)	4288037493 (0xFF964275)
YUV	96.9300, 9.8945, 46.5424
Hunter-Lab	34.1538, 32.9296, -7.5938

Details

The YUV color **96.9300, 9.8945, 46.5424** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **119.0700, -9.8945, -46.5424**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1260, 9.3049, 49.0015**, and **43.0270, 12.8047, 46.4573** is the 20% darker color. If you saturate the color by 10%, you get **87.4410, 11.6146, 54.8642**, and if you desaturate by 10%, it is **106.4190, 8.1744, 38.2205**.

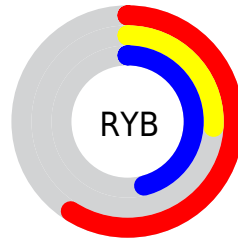
Distribution



Red (59%)

Green (26%)

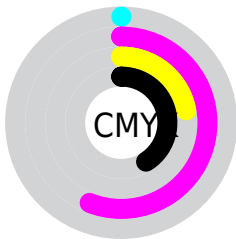
Blue (46%)



Red (59%)

Yellow (26%)

Blue (46%)

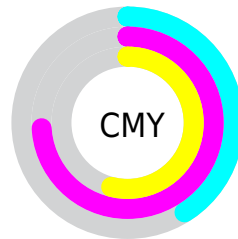


Cyan (0%)

Magenta (56%)

Yellow (22%)

Black (41%)



Cyan (41%)

Magenta (74%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9300, 9.8945, 46.5424 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 96.9300, 9.8945, 46.5424 by changing the saturation by 10% instead.

96.9300, 9.8945,
46.5424

96.9300, 9.8945,
46.5424

255.0000, 0.0000,
0.0000

70.7450, 10.4787,
45.8276

150.1260, 9.3049,
49.0015

43.0270, 12.8047,
46.4573

177.1370, 9.2995,
50.7459

26.1740, 9.7742,
38.4354

202.7450, 10.4787,
45.8276

17.3160, 4.2812,
26.9099

221.9000, 15.3323,
29.0287

0.8970, -0.4422,
1.8443

239.1510, 7.8136,
13.8996

0.0000, 0.0000,
0.0000

■ 96.9300, 9.8945,
46.5424

■ 96.9300, 9.8945,
46.5424

■ 87.4410, 11.6146,
54.8642

■ 106.4190, 8.1744,
38.2205

■ 77.9520, 13.3347,
63.1861

■ 115.9080, 6.4544,
29.8987

■ 68.4630, 15.0547,
71.5079

■ 125.3970, 4.7343,
21.5768

■ 58.9740, 16.7748,
79.8298

■ 134.8860, 3.0142,
13.2550

■ 55.2240, 17.6376,
83.1186

■ 144.2610, 0.8573,
5.0331

■ 153.7500, -0.8628,
-3.2887

■ 163.2390, -2.5828,
-11.6106

■ 172.7280, -4.3029,

-19.9325

■ 182.2170, -6.0230,
-28.2543

Harmonies

Analogous

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



99.1140, 24.1008, 16.5630



96.9300, 9.8945, 46.5424



94.0550, -6.4361, 57.8338

Triad

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



96.9300, 9.8945, 46.5424



89.8800, -34.9438, 7.9982



81.5730, 30.7765, -71.5395

Complementary

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



96.9300, 9.8945, 46.5424



119.0700, -9.8945, -46.5424

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.



78.9850, 15.7834, -69.2698



96.9300, 9.8945, 46.5424



85.1240, -21.7531, -22.9107

Square

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



96.9300, 9.8945, 46.5424



92.9740, -34.0042, 33.3488



74.1800, -0.0887, -65.0559



80.3310, 41.2488, -70.4503

Rectangle

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



96.9300, 9.8945, 46.5424



94.1720, -17.3398, 55.1002



74.1800, -0.0887, -65.0559



81.0200, 26.1191, -71.0545

Sweetspot

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



96.9300, 9.8945, 46.5424



173.1470, 3.8715, 18.2881



85.1440, 31.9740, 11.2747



84.9350, 2.0040, 10.5810



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



96.9300, 9.8945, 46.5424



111.8760, 15.3441, 72.0227



92.2560, -8.0142, 50.6415



69.5490, 0.7153, 3.9035



50.8380, 16.3489, 76.4411



3.6740, 1.1467, 5.5479

Inverse Universe

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



96.9300, 9.8945, 46.5424



111.8760, 15.3441, 72.0227



123.7440, 8.0142, -50.6415



69.5490, 0.7153, 3.9035



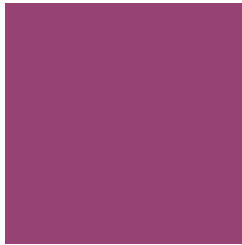
50.8380, 16.3489, 76.4411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 96.9300, 9.8945, 46.5424 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 96.9300, 9.8945, 46.5424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

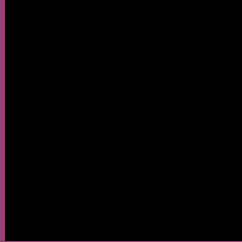
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9300, 9.8945, 46.5424

Background



This preview shows how black text looks on a background with the YUV color 96.9300, 9.8945, 46.5424.



This preview shows how white text looks on a background with the YUV color 96.9300, 9.8945,

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

96.9300, 9.8945, 46.5424

Protanopia

96.3140, 20.5512, -11.6764

Deuteranopia

97.2480, 7.2727, 0.6595



Tritanopia

96.2120, -7.9925, 43.6641

Trichromacy



Original Color

96.9300, 9.8945, 46.5424

Protanomaly

96.1210, 16.7023, 9.5409

Deuteranomaly

97.2870, 8.2395, 17.2883

Tritanomaly

96.2320, -1.5934, 44.5235

Monochromacy



Original Color

96.9300, 9.8945, 46.5424

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0220, 3.4402, 16.6437

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9300, 9.8945, 46.5424 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(150, 66, 117)` looks like.

```
.text, #text, p{  
  color:rgb(150, 66, 117)  
}
```

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(150, 66, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 66, 117) }
```

Border

The CSS property to change the border of an element to YUV 96.9300, 9.8945, 46.5424 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(150, 66, 117) }
```


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

```
.border{ border-color:rgb(150, 66, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 66, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 66, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 66, 117);  
box-shadow:4px 4px 4px 4px rgb(150, 66,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 96.9300, 9.8945, 46.5424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 66, 117) }
```

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

```
.background{ background-color: rgb(150, 66,  
117) }
```

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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