

Converting Colors

YUV(94.4670, -4.6672, 50.4564)

Have a look what the booklet for
YUV(94.4670, -4.6672, 50.4564)
contains.

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Color

**YUV(94.4670, -4.6672,
50.4564)**

Conversions

Conversions Part 1

Format	Color
Hex	984355
RGB	152, 67, 85
RGB Percent	60%, 26%, 33%
CMY	0.4039, 0.7373, 0.6667
CMYK	0.00, 0.56, 0.44, 0.40
HSL	347°, 39%, 43%
HSV	347°, 56%, 60%
XYZ	16.5957, 11.3456, 9.9096
YIQ	94.4670, 44.8820, 23.6180

Conversions

Conversions Part 2

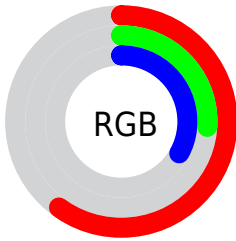
Format	Color
R_{YB}	152, 67, 85
Decimal	9978709
CIE _{Lab}	40.16, 37.41, 6.86
CIE _{LCh}	40, 38.032, 10.390
Yxy	11.3456, 0.4385, 0.2997
Android (android.graphics.Color)	4288168789 (0xFF984355)
YUV	94.4670, -4.6672, 50.4564
Hunter-Lab	33.6832, 29.0015, 6.1352

Details

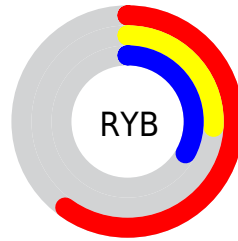
The YUV color **94.4670, -4.6672, 50.4564** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **124.5330, 4.6672, -50.4564**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0330, -6.4253, 54.3451**, and **42.3680, -1.1674, 47.9123** is the 20% darker color. If you saturate the color by 10%, you get **84.2940, -5.5679, 59.3782**, and if you desaturate by 10%, it is **104.6400, -3.7665, 41.5347**.

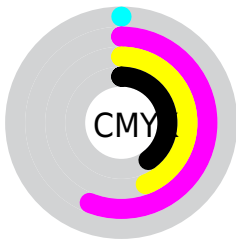
Distribution



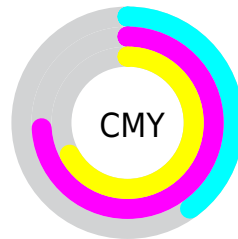
- Red (60%)
- Green (26%)
- Blue (33%)



- Red (60%)
- Yellow (26%)
- Blue (33%)



- Cyan (0%)
- Magenta (56%)
- Yellow (44%)
- Black (40%)



- Cyan (40%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.4670, -4.6672, 50.4564 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 94.4670, -4.6672, 50.4564 by changing the saturation by 10% instead.

■ 94.4670, -4.6672,
50.4564

■ 94.4670, -4.6672,
50.4564

■ 255.0000, 0.0000,
0.0000

■ 68.7980, -3.3514,
48.4122

■ 147.0330, -6.4253,
54.3451

■ 42.3680, -1.1674,
47.9123

■ 174.9300, -6.8675,
56.1894

■ 23.2100, -1.5825,
41.0348

■ 198.6410, -5.2460,
49.4268

■ 14.5800, -6.2019,
29.3093

■ 218.1550, -1.5554,
32.3131

■ 0.0000, 0.0000,
0.0000

■ 237.8970, 3.0088,
14.9993

■ 94.4670, -4.6672,
50.4564

■ 94.4670, -4.6672,
50.4564

■ 84.2940, -5.5679,
59.3782

■ 104.6400, -3.7665,
41.5347

■ 74.1210, -6.4687,
68.2999

■ 114.8130, -2.8658,
32.6130

■ 63.3610, -7.0800,
77.7364

■ 125.5730, -2.2545,
23.1765

■ 53.1880, -7.9807,
86.6581

■ 135.7460, -1.3538,
14.2548

■ 49.0960, -8.4283,
90.2468

■ 145.9190, -0.4531,
5.3330

■ 156.0920, 0.4476,
-3.5887

■ 166.2650, 1.3484,
-12.5104

■ 177.0250, 1.9597,

-21.9469

■ 187.1980, 2.8604,
-30.8686

Harmonies

Analogous

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



97.0600, 9.3374, 38.5354



94.4670, -4.6672, 50.4564



93.7750, -18.6231, 46.6783

Triad

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



94.4670, -4.6672, 50.4564



86.5100, -20.4644, -16.2333



78.4900, 36.7334, -68.8357

Complementary

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



94.4670, -4.6672, 50.4564



124.5330, 4.6672, -50.4564

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.



79.2590, 26.9873, -69.5101



94.4670, -4.6672, 50.4564



73.8000, -0.3944, -60.3376

Square

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



94.4670, -4.6672, 50.4564



90.1560, -30.1499, 10.3872



76.5400, 14.0308, -67.1256



90.0050, 32.5355, -28.9454

Rectangle

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



94.4670, -4.6672, 50.4564



93.3580, -26.3055, 37.3970



76.5400, 14.0308, -67.1256



79.0940, 33.9707, -69.3654

Sweetspot

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



94.4670, -4.6672, 50.4564



173.6650, -1.8068, 19.5878



96.7230, 27.2516, 32.6919



86.1370, -1.0535, 11.2809



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.



94.4670, -4.6672, 50.4564



107.3610, -7.0800, 77.7364



106.5030, -19.4750, 39.9009



71.5060, -0.7425, 4.8182



45.2800, -7.5330, 83.0694



4.2290, -0.6059, 7.6922

Inverse Universe

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



94.4670, -4.6672, 50.4564



107.3610, -7.0800, 77.7364



112.4970, 19.4750, -39.9009



71.5060, -0.7425, 4.8182



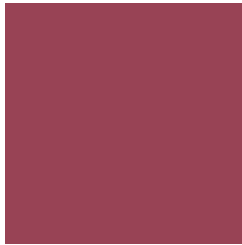
45.2800, -7.5330, 83.0694



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 94.4670, -4.6672, 50.4564 looks on a white background.

Color Contrast Check

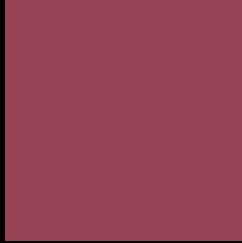
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.4670, -4.6672, 50.4564 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 94.4670, -4.6672, 50.4564

Background



This preview shows how black text looks on a background with the YUV color 94.4670, -4.6672, 50.4564.



This preview shows how white text looks on a background with the YUV color 94.4670, -4.6672,

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

94.4670, -4.6672, 50.4564

Protanopia

95.8690, 2.0366, 0.1149

Deuteranopia

96.1280, -7.4581, 12.1657



Tritanopia

94.0880, -9.9034, 49.9118

Trichromacy



Original Color

94.4670, -4.6672, 50.4564

Protanomaly

95.4090, -0.2016, 18.0583

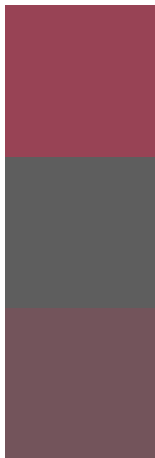
Deuteranomaly

95.4440, -6.6279, 25.9206

Tritanomaly

93.9570, -7.8668, 50.0267

Monochromacy



Original Color

94.4670, -4.6672, 50.4564

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0670, -1.5120, 18.3582

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4670, -4.6672, 50.4564 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(152, 67, 85)` looks like.

```
.text, #text, p{  
    color:rgb(152, 67, 85)  
}
```

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(152, 67, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 67, 85) }
```

Border

The CSS property to change the border of an element to YUV 94.4670, -4.6672, 50.4564 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(152, 67, 85) }
```


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

```
.border{ border-color:rgb(152, 67, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 67, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 67, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 67, 85);  
box-shadow:4px 4px 4px 4px rgb(152, 67,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 94.4670, -4.6672, 50.4564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 67, 85) }
```

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

```
.background{ background-color: rgb(152, 67,  
85) }
```

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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