

Converting Colors

YUV(94.8570, 0.5635, 52.7454)

Have a look what the booklet for
YUV(94.8570, 0.5635, 52.7454)
contains.

YUV(94.8570, 0.5635, 52.7454)	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(94.8570, 0.5635,
52.7454)**

Conversions

Conversions Part 1

Format	Color
Hex	9B4060
RGB	155, 64, 96
RGB Percent	61%, 25%, 38%
CMY	0.3922, 0.7490, 0.6235
CMYK	0.00, 0.59, 0.38, 0.39
HSL	339°, 42%, 43%
HSV	339°, 59%, 61%
XYZ	17.4623, 11.4799, 12.3618
YIQ	94.8570, 43.9640, 29.2440

Conversions

Conversions Part 2

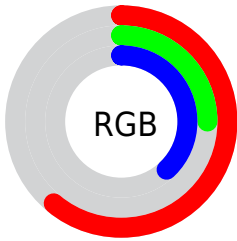
Format	Color
R _Y B	155, 64, 96
Decimal	10174560
CIE Lab	40.38, 41.24, 0.36
CIE LCh	40, 41.240, 0.498
Yxy	11.4799, 0.4228, 0.2779
Android (android.graphics.Color)	4288364640 (0xFF9B4060)
YUV	94.8570, 0.5635, 52.7454
Hunter-Lab	33.8820, 32.7029, 2.0855

Details

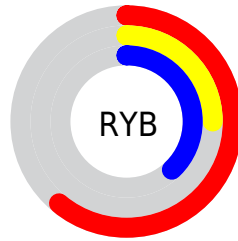
The YUV color **94.8570, 0.5635, 52.7454** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **124.1430, -0.5635, -52.7454**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1240, -1.0471, 56.0193**, and **39.7090, 5.0735, 52.8752** is the 20% darker color. If you saturate the color by 10%, you get **84.9120, 0.5364, 61.4672**, and if you desaturate by 10%, it is **105.3890, 0.3012, 43.5088**.

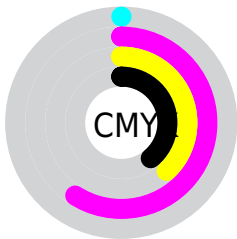
Distribution



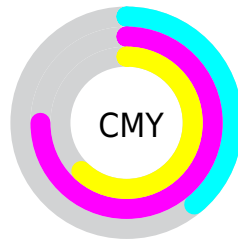
- Red (61%)
- Green (25%)
- Blue (38%)



- Red (61%)
- Yellow (25%)
- Blue (38%)



- Cyan (0%)
- Magenta (59%)
- Yellow (38%)
- Black (39%)



- Cyan (39%)
- Magenta (75%)
- Yellow (62%)
- Black (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8570, 0.5635, 52.7454 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 94.8570, 0.5635, 52.7454 by changing the saturation by 10% instead.

■ 94.8570, 0.5635,
52.7454

■ 94.8570, 0.5635,
52.7454

■ 255.0000, 0.0000,
0.0000

■ 68.4870, 1.7319,
51.3159

■ 148.1240, -1.0471,
56.0193

■ 39.7090, 5.0735,
52.8752

■ 175.4340, -1.2000,
58.3784

■ 25.1330, 1.9064,
41.9794

■ 198.8350, 0.5743,
49.2567

■ 15.4770, -6.6442,
31.1537

■ 218.4630, 4.7017,
32.0429

■ 0.0000, 0.0000,
0.0000

■ 237.9770, 8.3923,
14.9292

■ 94.8570, 0.5635,
52.7454

■ 94.8570, 0.5635,
52.7454

■ 84.9120, 0.5364,
61.4672

■ 105.3890, 0.3012,
43.5088

■ 74.3800, 0.7987,
70.7037

■ 115.3340, 0.3283,
34.7871

■ 64.4350, 0.7715,
79.4255

■ 125.2790, 0.3555,
26.0653

■ 53.9030, 1.0338,
88.6621

■ 135.8110, 0.0932,
16.8288

■ 52.6150, 1.1758,
89.7916

■ 146.3430, -0.1691,
7.5922

■ 156.2880, -0.1420,
-1.1296

■ 166.8200, -0.4043,
-10.3661

■ 176.7650, -0.3771,

-19.0879

■ 186.7100, -0.3500,
-27.8097

Harmonies

Analogous

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



97.6340, 15.4634, 33.6470



94.8570, 0.5635, 52.7454



93.4430, -15.0084, 53.9855

Triad

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



94.8570, 0.5635, 52.7454



87.8440, -27.0381, -7.7562



80.2510, 35.8653, -70.3801

Complementary

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



94.8570, 0.5635, 52.7454



124.1430, -0.5635, -52.7454

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.



79.7490, 23.7877, -69.9399



94.8570, 0.5635, 52.7454



79.1950, -9.4631, -44.8980

Square

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



94.8570, 0.5635, 52.7454



91.4730, -34.2502, 18.8792



75.9870, 9.3734, -66.6406



76.6950, 42.5484, -67.2615

Rectangle

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



94.8570, 0.5635, 52.7454



93.2820, -24.2960, 46.2337



75.9870, 9.3734, -66.6406



80.7410, 32.6657, -70.8099

Sweetspot

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



94.8570, 0.5635, 52.7454



177.2460, 0.3717, 20.8323



91.7160, 31.1990, 26.5591



87.3760, -0.1854, 12.8252



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



94.8570, 0.5635, 52.7454



107.8590, 1.0555, 81.6847



98.2530, -16.8867, 49.7671



71.7340, 0.1311, 4.6183



47.4460, 0.7661, 81.1699



4.3430, -0.1691, 7.5922

Inverse Universe

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



94.8570, 0.5635, 52.7454



107.8590, 1.0555, 81.6847



120.7470, 16.8867, -49.7671



71.7340, 0.1311, 4.6183



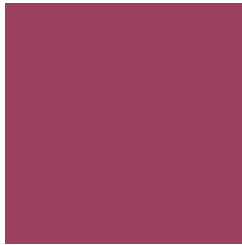
47.4460, 0.7661, 81.1699



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 94.8570, 0.5635, 52.7454 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 94.8570, 0.5635, 52.7454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

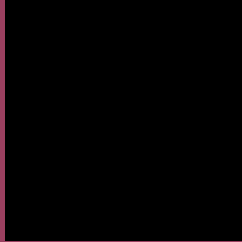
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.8570, 0.5635, 52.7454

Background



This preview shows how black text looks on a background with the YUV color 94.8570, 0.5635, 52.7454.



This preview shows how white text looks on a background with the YUV color 94.8570, 0.5635,

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

94.8570, 0.5635, 52.7454

Protanopia

96.3830, 9.1782, -3.8439

Deuteranopia

97.0720, -2.5005, 8.7069



Tritanopia

94.5720, -10.6350, 51.2414

Trichromacy



Original Color

94.8570, 0.5635, 52.7454

Protanomaly

96.0050, 5.9135, 16.6586

Deuteranomaly

95.8120, -1.3863, 24.7209

Tritanomaly

94.6090, -6.7092, 52.0859

Monochromacy



Original Color

94.8570, 0.5635, 52.7454

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1210, -0.0597, 19.1879

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8570, 0.5635, 52.7454 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(155, 64, 96)` looks like.

```
.text, #text, p{  
    color:rgb(155, 64, 96)  
}
```

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(155, 64, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 64, 96) }
```

Border

The CSS property to change the border of an element to YUV 94.8570, 0.5635, 52.7454 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(155, 64, 96) }
```


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

```
.border{ border-color:rgb(155, 64, 96) }
```

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

Here you see how a box with a 4 pixel rgb(155, 64, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 64, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 64, 96);  
box-shadow:4px 4px 4px 4px rgb(155, 64,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 94.8570, 0.5635, 52.7454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 64, 96) }
```

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

```
.background{ background-color: rgb(155, 64,  
96) }
```

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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