

Converting Colors

YUV(93.4460, -6.1359, 54.8599)

Have a look what the booklet for
YUV(93.4460, -6.1359, 54.8599)
contains.

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Color

**YUV(93.4460, -6.1359,
54.8599)**

Conversions

Conversions Part 1

Format	Color
Hex	9C4051
RGB	156, 64, 81
RGB Percent	61%, 25%, 32%
CMY	0.3882, 0.7490, 0.6824
CMYK	0.00, 0.59, 0.48, 0.39
HSL	349°, 42%, 43%
HSV	349°, 59%, 61%
XYZ	17.0289, 11.3288, 9.0737
YIQ	93.4460, 49.3750, 24.7910

Conversions

Conversions Part 2

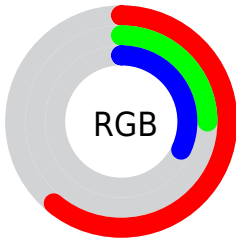
Format	Color
R_{YB}	156, 64, 81
Decimal	10240081
CIE _{Lab}	40.13, 39.94, 9.42
CIE _{LCh}	40, 41.033, 13.265
Yxy	11.3288, 0.4549, 0.3027
Android (android.graphics.Color)	4288430161 (0xFF9C4051)
YUV	93.4460, -6.1359, 54.8599
Hunter-Lab	33.6583, 31.4074, 7.5771

Details

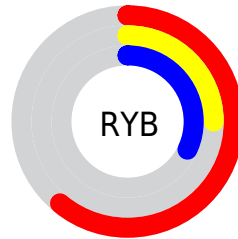
The YUV color **93.4460, -6.1359, 54.8599** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **126.5540, 6.1359, -54.8599**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8980, -8.3307, 58.8485**, and **38.8140, -0.8943, 53.6601** is the 20% darker color. If you saturate the color by 10%, you get **82.5720, -7.1840, 64.3964**, and if you desaturate by 10%, it is **104.3200, -5.0878, 45.3234**.

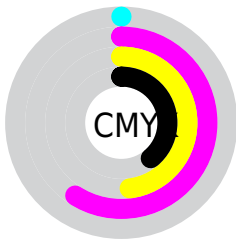
Distribution



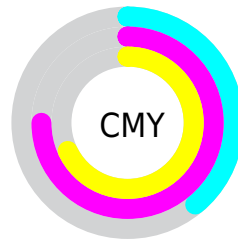
- Red (61%)
- Green (25%)
- Blue (32%)



- Red (61%)
- Yellow (25%)
- Blue (32%)



- Cyan (0%)
- Magenta (59%)
- Yellow (48%)
- Black (39%)





- Cyan (39%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.4460, -6.1359, 54.8599 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 93.4460, -6.1359, 54.8599 by changing the saturation by 10% instead.


 93.4460, -6.1359,
54.8599

 93.4460, -6.1359,
54.8599


255.0000, 0.0000,
0.0000


 67.1900, -4.5307,
53.3304


 146.8980, -8.3307,
58.8485


 38.8140, -0.8943,
53.6601

 174.0940, -8.9203,
61.3076


 23.6510, -3.7719,
43.2791

 196.3100, -6.5618,
51.4711

 15.1780, -6.4968,
30.5389

 215.9380, -2.4344,
34.2574

 0.0000, 0.0000,
0.0000

 236.1530, 1.4036,
16.5288

■ 93.4460, -6.1359,
54.8599

■ 93.4460, -6.1359,
54.8599

■ 82.5720, -7.1840,
64.3964

■ 104.3200, -5.0878,
45.3234

■ 72.3990, -8.0847,
73.3181

■ 114.4930, -4.1870,
36.4016

■ 61.5250, -9.1328,
82.8546

■ 125.3670, -3.1389,
26.8651

■ 51.2380, -10.4703,
91.8763

■ 135.6540, -1.8014,
17.8434

■ 49.9500, -10.3283,
93.0059

■ 146.5280, -0.7533,
8.3069

■ 157.2880, -0.1420,
-1.1296

■ 167.5750, 1.1955,
-10.1513

■ 178.4490, 2.2436,

-19.6878

■ 188.6220, 3.1444,
-28.6095

Harmonies

Analogous

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



96.0930, 9.3212, 43.7684



93.4460, -6.1359, 54.8599



93.1020, -21.2493, 49.0225

Triad

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



93.4460, -6.1359, 54.8599



84.7760, -20.5956, -20.8516



78.5870, 39.6436, -68.9208

Complementary

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



93.4460, -6.1359, 54.8599



126.5540, 6.1359, -54.8599

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.



79.9430, 29.6081, -70.1100



93.4460, -6.1359, 54.8599



73.0060, 0.4900, -64.0263

Square

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



93.4460, -6.1359, 54.8599



89.4500, -32.7599, 7.4983



77.5830, 15.4886, -68.0403



90.4720, 34.2773, -27.6009

Rectangle

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



93.4460, -6.1359, 54.8599



92.6740, -28.9263, 37.9969



77.5830, 15.4886, -68.0403



79.7780, 36.5914, -69.9653

Sweetspot

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



93.4460, -6.1359, 54.8599



178.8610, -2.3965, 22.0469



96.6140, 29.2773, 36.2955



87.0340, -1.4958, 13.1252



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.



93.4460, -6.1359, 54.8599



105.4330, -9.5805, 86.4433



107.9440, -21.6644, 42.1451



73.6200, -0.3057, 4.7183



45.7210, -9.7225, 85.3137



4.8270, -0.9007, 8.9217

Inverse Universe

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



93.4460, -6.1359, 54.8599



105.4330, -9.5805, 86.4433



112.0560, 21.6644, -42.1451



73.6200, -0.3057, 4.7183



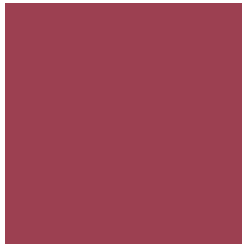
45.7210, -9.7225, 85.3137



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 93.4460, -6.1359, 54.8599 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 93.4460, -6.1359, 54.8599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

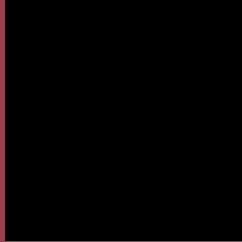
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4460, -6.1359, 54.8599

Background



This preview shows how black text looks on a background with the YUV color 93.4460, -6.1359, 54.8599.



This preview shows how white text looks on a background with the YUV color 93.4460, -6.1359,

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

93.4460, -6.1359, 54.8599

Protanopia

95.5270, 0.7262, 0.4148

Deuteranopia

95.9710, -9.3527, 13.1804



Tritanopia

93.0670, -11.3720, 54.3152

Trichromacy



Original Color

93.4460, -6.1359, 54.8599

Protanomaly

94.9640, -1.9543, 20.2026

Deuteranomaly

94.9990, -8.3805, 28.0649

Tritanomaly

92.9360, -9.3354, 54.4301

Monochromacy



Original Color

93.4460, -6.1359, 54.8599

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9640, -1.9543, 20.2026

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4460, -6.1359, 54.8599 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(156, 64, 81)` looks like.

```
.text, #text, p{  
    color:rgb(156, 64, 81)  
}
```

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(156, 64, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 64, 81) }
```

Border

The CSS property to change the border of an element to YUV 93.4460, -6.1359, 54.8599 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(156, 64, 81) }
```


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

```
.border{ border-color:rgb(156, 64, 81) }
```

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

Here you see how a box with a 4 pixel rgb(156, 64, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 64, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 64, 81);  
box-shadow:4px 4px 4px 4px rgb(156, 64,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 93.4460, -6.1359, 54.8599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 64, 81) }
```

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

```
.background{ background-color: rgb(156, 64,  
81) }
```

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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