

Converting Colors

YUV(98.0460, 24.1343, 52.5797)

Have a look what the booklet for
YUV(98.0460, 24.1343, 52.5797)
contains.

YUV(98.0460, 24.1343, 52.5797)	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(98.0460, 24.1343,
52.5797)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3A93
RGB	158, 58, 147
RGB Percent	62%, 23%, 58%
CMY	0.3804, 0.7725, 0.4235
CMYK	0.00, 0.63, 0.07, 0.38
HSL	307°, 46%, 42%
HSV	307°, 63%, 62%
XYZ	20.8801, 12.4018, 28.8970
YIQ	98.0460, 31.0310, 48.8790

Conversions

Conversions Part 2

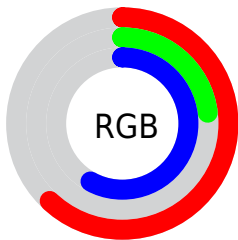
Format	Color
R_{YB}	158, 58, 147
Decimal	10369683
CIE _{Lab}	41.85, 52.35, -28.79
CIE _{LCh}	42, 59.745, 331.192
Yxy	12.4018, 0.3358, 0.1995
Android (android.graphics.Color)	4288559763 (0xFF9E3A93)
YUV	98.0460, 24.1343, 52.5797
Hunter-Lab	35.2162, 44.2063, -23.9998

Details

The YUV color **98.0460, 24.1343, 52.5797** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **117.9540, -24.1343, -52.5797**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9430, 23.6921, 54.4240**, and **41.7410, 26.7497, 53.7241** is the 20% darker color. If you saturate the color by 10%, you get **88.4260, 27.8910, 61.0164**, and if you desaturate by 10%, it is **107.6660, 20.3777, 44.1429**.

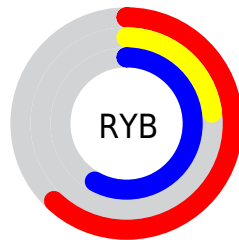
Distribution



Red (62%)

Green (23%)

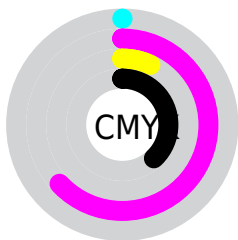
Blue (58%)



Red (62%)

Yellow (23%)

Blue (58%)

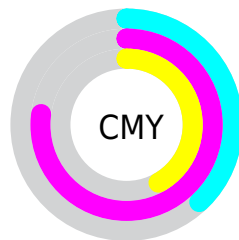


Cyan (0%)

Magenta (63%)

Yellow (7%)

Black (38%)



Cyan (38%)


Magenta (77%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0460, 24.1343, 52.5797 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 98.0460, 24.1343, 52.5797 by changing the saturation by 10% instead.


 98.0460, 24.1343,
52.5797


 98.0460, 24.1343,
52.5797


255.0000, 0.0000,
0.0000


 69.6870, 25.2973,
52.8945


 152.9430, 23.6921,
54.4240

 41.7410, 26.7497,
53.7241


 180.7690, 24.2709,
55.4536


 31.2310, 20.0991,
40.1394

 203.3440, 25.4664,
45.3023

 21.4330, 13.5905,
27.6843

 219.7800, 17.3635,
30.8879

 9.9550, 8.4032,
11.4405

 236.2160, 9.2605,
16.4736

 0.0000, 0.0000,
0.0000

253.8260, 0.5788,

1.0296

■ 98.0460, 24.1343,
52.5797

■ 98.0460, 24.1343,
52.5797

■ 88.4260, 27.8910,
61.0164

■ 107.6660, 20.3777,
44.1429

■ 78.9200, 32.0844,
69.3532

■ 117.1720, 16.1842,
35.8062

■ 69.8870, 35.5517,
77.2751

■ 126.2050, 12.7169,
27.8842

■ 63.3160, 38.2982,
83.0379

■ 135.8250, 8.9603,
19.4475

■ 145.4450, 5.2036,
11.0107

■ 154.9510, 1.0102,
2.6740

■ 164.5710, -2.7465,
-5.7628

■ 173.6040, -6.2138,
-13.6847

■ 183.2240, -9.9704,
-22.1214

Harmonies

Analogous

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



99.8740, 41.4741, -2.5205



98.0460, 24.1343, 52.5797



88.8960, 4.9813, 82.5292

Triad

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



98.0460, 24.1343, 52.5797



92.2210, -45.4650, 22.6082



87.4260, 30.3560, -76.6726

Complementary

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



98.0460, 24.1343, 52.5797



117.9540, -24.1343, -52.5797

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.



81.7260, 8.5161, -71.6737



98.0460, 24.1343, 52.5797



84.9020, -41.8567, -14.8231

Square

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



98.0460, 24.1343, 52.5797



91.8430, -45.2786, 56.2657



74.1510, -12.8924, -65.0304



89.1820, 47.2383, -78.2126

Rectangle

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



98.0460, 24.1343, 52.5797



89.0690, -10.8800, 83.2545



74.1510, -12.8924, -65.0304



85.6020, 23.3672, -75.0730

Sweetspot

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



98.0460, 24.1343, 52.5797



182.9500, 9.3917, 21.0919



72.3900, 42.2057, -3.8500



90.5700, 5.6350, 12.6551



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



98.0460, 24.1343, 52.5797



112.7890, 37.5720, 82.6230



92.4600, 2.7312, 57.4786



74.1900, 1.8783, 4.2184



57.2350, 34.3941, 75.2159



6.0810, 3.9041, 7.8220

Inverse Universe

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



98.0460, 24.1343, 52.5797



112.7890, 37.5720, 82.6230



123.5400, -2.7312, -57.4786



74.1900, 1.8783, 4.2184



57.2350, 34.3941, 75.2159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 98.0460, 24.1343, 52.5797 looks on a white background.

Color Contrast Check

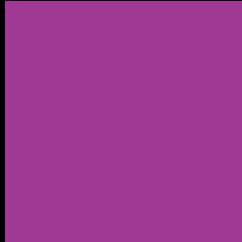
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.0460, 24.1343, 52.5797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

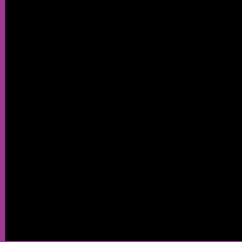
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.0460, 24.1343, 52.5797

Background



This preview shows how black text looks on a background with the YUV color 98.0460, 24.1343, 52.5797.



This preview shows how white text looks on a background with the YUV color 98.0460, 24.1343,

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

98.0460, 24.1343, 52.5797

Protanopia

94.9150, 42.4399, -32.3745

Deuteranopia

99.0150, 20.6986, -12.2912



Tritanopia

99.1090, -8.4347, 45.5084

Trichromacy



Original Color

98.0460, 24.1343, 52.5797

Protanomaly

96.0930, 35.9432, -1.8356

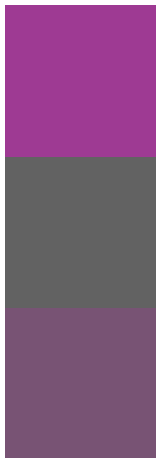
Deuteranomaly

98.5110, 21.9331, 11.8299

Tritanomaly

98.6330, 3.6319, 48.5569

Monochromacy



Original Color

98.0460, 24.1343, 52.5797

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8250, 8.9603, 19.4475

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0460, 24.1343, 52.5797 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(158, 58, 147)` looks like.

```
.text, #text, p{  
    color:rgb(158, 58, 147)  
}
```

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(158, 58, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 58, 147) }
```

Border

The CSS property to change the border of an element to YUV 98.0460, 24.1343, 52.5797 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(158, 58, 147) }
```


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

```
.border{ border-color:rgb(158, 58, 147) }
```

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

Here you see how a box with a 4 pixel rgb(158, 58, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 58, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 58, 147);  
box-shadow:4px 4px 4px 4px rgb(158, 58,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 98.0460, 24.1343, 52.5797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 58, 147) }
```

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

```
.background{ background-color: rgb(158, 58,  
147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor