

Converting Colors

YUV(98.1700, 26.0452, 46.3319)

Have a look what the booklet for
YUV(98.1700, 26.0452, 46.3319)
contains.

YUV(98.1700, 26.0452, 46.3319)	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(98.1700, 26.0452,
46.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	973D97
RGB	151, 61, 151
RGB Percent	59%, 24%, 59%
CMY	0.4078, 0.7608, 0.4078
CMYK	0.00, 0.60, 0.00, 0.41
HSL	300°, 42%, 42%
HSV	300°, 60%, 59%
XYZ	20.0172, 12.1512, 30.5685
YIQ	98.1700, 24.7500, 47.0700

Conversions

Conversions Part 2

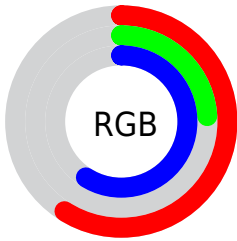
Format	Color
R_{YB}	151, 61, 151
Decimal	9911703
CIE _{Lab}	41.46, 49.83, -31.90
CIE _{LCh}	41, 59.163, 327.374
Yxy	12.1512, 0.3191, 0.1937
Android (android.graphics.Color)	4288101783 (0xFF973D97)
YUV	98.1700, 26.0452, 46.3319
Hunter-Lab	34.8585, 41.4994, -27.5923

Details

The YUV color **98.1700, 26.0452, 46.3319** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **113.8300, -26.0452, -46.3319**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2950, 26.4766, 47.9763**, and **40.4030, 29.3813, 49.6356** is the 20% darker color. If you saturate the color by 10%, you get **89.3650, 30.3861, 54.0539**, and if you desaturate by 10%, it is **106.9750, 21.7043, 38.6099**.

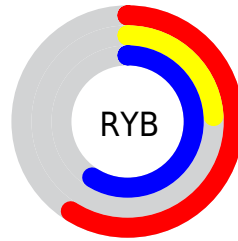
Distribution



Red (59%)

Green (24%)

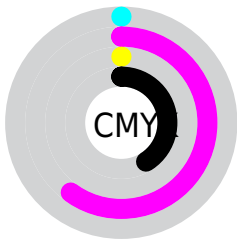
Blue (59%)



Red (59%)

Yellow (24%)

Blue (59%)

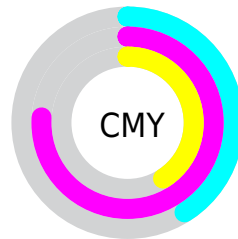


Cyan (0%)

Magenta (60%)

Yellow (0%)

Black (41%)



Cyan (41%)

Magenta (76%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.1700, 26.0452, 46.3319 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 98.1700, 26.0452, 46.3319 by changing the saturation by 10% instead.

98.1700, 26.0452,
46.3319

98.1700, 26.0452,
46.3319

255.0000, 0.0000,
0.0000

70.6970, 26.7714,
46.7467

152.2950, 26.4766,
47.9763

40.4030, 29.3813,
49.6356

180.3060, 26.4711,
49.7206

29.7790, 22.2940,
36.1508

203.9310, 25.1770,
44.7875

20.2800, 15.6380,
24.3104

220.3670, 17.0741,
30.3731

7.3070, 11.1876,
4.9928

237.3900, 8.6817,
15.4440

0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 98.1700, 26.0452,
46.3319

■ 98.1700, 26.0452,
46.3319

■ 89.3650, 30.3861,
54.0539

■ 106.9750, 21.7043,
38.6099

■ 80.5600, 34.7269,
61.7759

■ 115.7800, 17.3635,
30.8879

■ 71.7550, 39.0678,
69.4979

■ 124.5850, 13.0226,
23.1660

■ 62.9500, 43.4087,
77.2198

■ 133.3900, 8.6817,
15.4440

■ 62.3630, 43.6980,
77.7346

■ 142.7820, 4.0515,
7.2072

■ 151.5870, -0.2894,
-0.5148

■ 160.3920, -4.6303,
-8.2368

■ 169.1970, -8.9711,
-15.9588

■ 178.0020,
-13.3120, -23.6808

Harmonies

Analogous

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



97.2750, 43.2484, -11.6422



98.1700, 26.0452, 46.3319



88.8570, 7.4655, 79.0554

Triad

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



98.1700, 26.0452, 46.3319



91.6560, -45.1864, 26.6117



85.9270, 27.1510, -75.3580

Complementary

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



98.1700, 26.0452, 46.3319



113.8300, -26.0452, -46.3319

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.



80.3410, 5.7479, -70.4591



98.1700, 26.0452, 46.3319



85.8210, -42.3098, -9.4900

Square

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



98.1700, 26.0452, 46.3319



91.2500, -42.5212, 58.5398



72.1790, -15.3712, -63.3010



88.0250, 45.3437, -77.1979

Rectangle

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



98.1700, 26.0452, 46.3319



87.8670, -7.8224, 82.5546



72.1790, -15.3712, -63.3010



84.2170, 20.5990, -73.8583

Sweetspot

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



98.1700, 26.0452, 46.3319



175.4550, 10.1287, 18.0180



71.2600, 39.3118, -8.9980



86.6730, 6.0772, 10.8108



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.



98.1700, 26.0452, 46.3319



113.2330, 40.8041, 72.5867



93.0400, 6.3893, 50.8309



72.3040, 2.3151, 4.1184



57.8200, 40.5147, 72.0719



5.3690, 3.7621, 6.6924

Inverse Universe

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



98.1700, 26.0452, 46.3319



113.2330, 40.8041, 72.5867



118.9600, -6.3893, -50.8309



72.3040, 2.3151, 4.1184



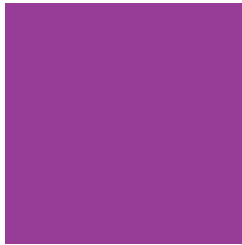
57.8200, 40.5147, 72.0719



5.3690, 3.7621, 6.6924

Previews

White Background



This preview shows how the YUV color 98.1700, 26.0452, 46.3319 looks on a white background.

Color Contrast Check

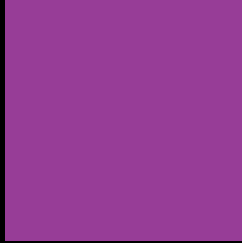
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.1700, 26.0452, 46.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

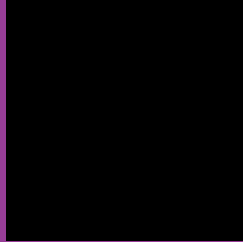
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.1700, 26.0452, 46.3319

Background



This preview shows how black text looks on a background with the YUV color 98.1700, 26.0452, 46.3319.



This preview shows how white text looks on a background with the YUV color 98.1700, 26.0452,

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

98.1700, 26.0452, 46.3319

Protanopia

93.2460, 43.7557, -34.4187

Deuteranopia

97.6770, 23.3302, -16.3797



Tritanopia

98.8200, -6.8133, 38.7459

Trichromacy



Original Color

98.1700, 26.0452, 46.3319

Protanomaly

94.8260, 37.5538, -5.1094

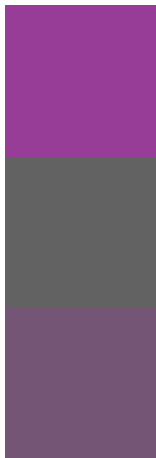
Deuteranomaly

98.0480, 24.1333, 6.0969

Tritanomaly

98.3440, 5.2534, 41.7943

Monochromacy



Original Color

98.1700, 26.0452, 46.3319

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.2160, 9.2605, 16.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.1700, 26.0452, 46.3319 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(151, 61, 151)` looks like.

```
.text, #text, p{  
    color:rgb(151, 61, 151)  
}
```

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(151, 61, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 61, 151) }
```

Border

The CSS property to change the border of an element to YUV 98.1700, 26.0452, 46.3319 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(151, 61, 151) }
```


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

```
.border{ border-color:rgb(151, 61, 151) }
```

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

Here you see how a box with a 4 pixel rgb(151, 61, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 61, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 61, 151);  
box-shadow:4px 4px 4px 4px rgb(151, 61,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 98.1700, 26.0452, 46.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 61, 151) }
```

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

```
.background{ background-color: rgb(151, 61,  
151) }
```

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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