

Converting Colors

YUV(91.0490, 33.0068, 53.4540)

Have a look what the booklet for
YUV(91.0490, 33.0068, 53.4540)
contains.

YUV(91.0490, 33.0068, 53.4540)	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(91.0490, 33.0068,
53.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	982F9E
RGB	152, 47, 158
RGB Percent	60%, 18%, 62%
CMY	0.4039, 0.8157, 0.3804
CMYK	0.04, 0.70, 0.00, 0.38
HSL	297°, 54%, 40%
HSV	297°, 70%, 62%
XYZ	20.1370, 11.1771, 33.4438
YIQ	91.0490, 26.9490, 56.7810

Conversions

Conversions Part 2

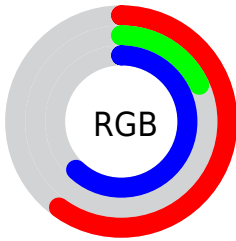
Format	Color
R_{YB}	152, 47, 158
Decimal	9973662
CIE _{Lab}	39.88, 57.22, -38.60
CIE _{LCh}	40, 69.026, 325.996
Yxy	11.1771, 0.3110, 0.1726
Android (android.graphics.Color)	4288163742 (0xFF982F9E)
YUV	91.0490, 33.0068, 53.4540
Hunter-Lab	33.4321, 49.0087, -35.9083

Details

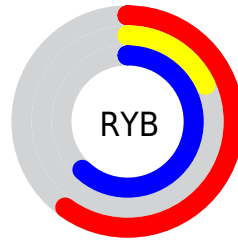
The YUV color **91.0490, 33.0068, 53.4540** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **113.9510, -33.0068, -53.4540**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2340, 32.4226, 54.1688**, and **41.0870, 32.0021, 49.0357** is the 20% darker color. If you saturate the color by 10%, you get **81.3580, 37.7845, 61.0760**, and if you desaturate by 10%, it is **100.7400, 28.2292, 45.8320**.

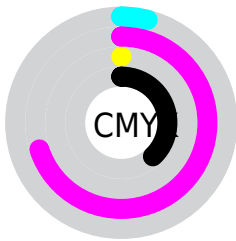
Distribution



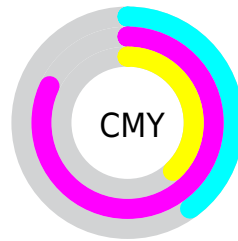
- Red (60%)
- Green (18%)
- Blue (62%)



- Red (60%)
- Yellow (18%)
- Blue (62%)



- Cyan (4%)
- Magenta (70%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.0490, 33.0068, 53.4540 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 91.0490, 33.0068, 53.4540 by changing the saturation by 10% instead.

91.0490, 33.0068,
53.4540

91.0490, 33.0068,
53.4540

255.0000, 0.0000,
0.0000

57.9940, 36.4850,
57.8873

147.2340, 32.4226,
54.1688

41.0870, 32.0021,
49.0357

175.0600, 33.0014,
55.1984

30.4630, 24.9147,
35.5509

198.0610, 28.0709,
49.9355

20.9640, 18.2587,
23.7106

214.4970, 19.9680,
35.5211

6.9800, 13.8139,
2.6485

230.9330, 11.8650,
21.1068

1.1400, 4.3680,
-0.9998

248.5430, 3.1833,

0.0000, 0.0000,

5.6628

0.0000

■ 91.0490, 33.0068,
53.4540

■ 91.0490, 33.0068,
53.4540

■ 81.3580, 37.7845,
61.0760

■ 100.7400, 28.2292,
45.8320

■ 71.6670, 42.5622,
68.6980

■ 110.4310, 23.4515,
38.2100

■ 62.5630, 47.0504,
75.8052

■ 119.5350, 18.9632,
31.1028

■ 128.9270, 14.3330,
22.8660

■ 138.6180, 9.5553,
15.2440

■ 148.3090, 4.7777,
7.6220

■ 158.0000, 0.0000,
0.0000

■ 167.1040, -4.4883,
-7.1072

■ 176.7950, -9.2659,
-14.7292

Harmonies

Analogous

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



89.4290, 53.0325, -23.1782



91.0490, 33.0068, 53.4540



67.4700, 18.0093, 103.9508

Triad

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



91.0490, 33.0068, 53.4540



88.7210, -43.7395, 29.1857



84.8670, 28.1666, -74.4284

Complementary

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



91.0490, 33.0068, 53.4540



113.9510, -33.0068, -53.4540

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.



78.2550, 2.8323, -68.6296



91.0490, 33.0068, 53.4540



81.6680, -40.2623, -12.8638

Square

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



91.0490, 33.0068, 53.4540



85.4190, -42.1116, 67.1615



68.7250, -23.5284, -60.2718



88.3500, 49.1275, -77.4829

Rectangle

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



91.0490, 33.0068, 53.4540



64.1490, 1.4055, 109.4943



68.7250, -23.5284, -60.2718



82.8150, 20.3042, -72.6288

Sweetspot

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



91.0490, 33.0068, 53.4540



180.2750, 13.1754, 20.8068



63.7630, 46.4588, -14.7012



88.5530, 8.1084, 12.6700



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.



91.0490, 33.0068, 53.4540



101.8720, 51.8281, 83.4273



87.3710, 11.1561, 61.9416



74.3040, 2.3151, 4.1184



56.6670, 42.5622, 68.6980



5.8960, 4.4883, 7.1072

Inverse Universe

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



80.8730, -13.7414, 67.6404



86.0520, -21.7176, 106.0714



117.6290, -11.1561, -61.9416



73.5060, -0.7425, 4.8182



43.6690, -17.5848, 87.1133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 91.0490, 33.0068, 53.4540 looks on a white background.

Color Contrast Check

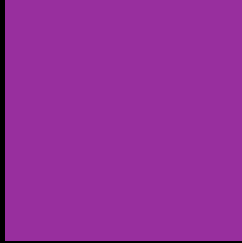
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.0490, 33.0068, 53.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

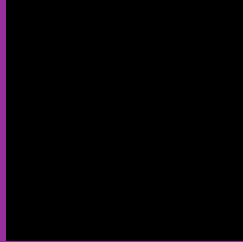
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.0490, 33.0068, 53.4540

Background



This preview shows how black text looks on a background with the YUV color 91.0490, 33.0068, 53.4540.



This preview shows how white text looks on a background with the YUV color 91.0490, 33.0068,

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

91.0490, 33.0068, 53.4540

Protanopia

75.5330, 58.4042, -66.2424

Deuteranopia

92.0010, 28.5935, -24.5569



Tritanopia

95.2010, -7.9871, 41.9197

Trichromacy



Original Color

91.0490, 33.0068, 53.4540



Protanomaly

81.1040, 49.2487, -22.8932



Deuteranomaly

91.9320, 30.1065, 3.5676



Tritanomaly

93.5340, 7.1317, 46.0127

Monochromacy



Original Color

91.0490, 33.0068, 53.4540



Achromatopsia

91.0000, 0.0000, 0.0000



Achromatomaly

90.9220, 11.8705, 19.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.0490, 33.0068, 53.4540 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, 47, 158)` looks like.

```
.text, #text, p{  
    color:rgb(152, 47, 158)  
}
```

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, 47, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 47, 158) }
```

Border

The CSS property to change the border of an element to YUV 91.0490, 33.0068, 53.4540 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, 47, 158) }
```


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

```
.border{ border-color:rgb(152, 47, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 47, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 47, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 47, 158);  
box-shadow:4px 4px 4px 4px rgb(152, 47,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 91.0490, 33.0068, 53.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 47, 158) }
```

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

```
.background{ background-color: rgb(152, 47,  
158) }
```

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