

Converting Colors

YUV(67.9740, 9.8728, 53.5198)

Have a look what the booklet for
YUV(67.9740, 9.8728, 53.5198)
contains.

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Color

**YUV(67.9740, 9.8728,
53.5198)**

Conversions

Conversions Part 1

Format	Color
Hex	812158
RGB	129, 33, 88
RGB Percent	51%, 13%, 35%
CMY	0.4941, 0.8706, 0.6549
CMYK	0.00, 0.74, 0.32, 0.49
HSL	326°, 59%, 32%
HSV	326°, 74%, 51%
XYZ	11.3586, 6.4594, 9.8806
YIQ	67.9740, 39.5610, 37.4570

Conversions

Conversions Part 2

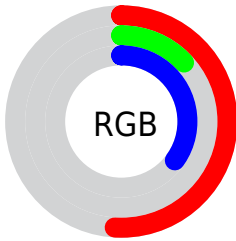
Format	Color
R_{YB}	129, 33, 88
Decimal	8462680
CIE Lab	30.54, 45.66, -9.63
CIE LCh	31, 46.668, 348.094
Yxy	6.4594, 0.4101, 0.2332
Android (android.graphics.Color)	4286652760 (0xFF812158)
YUV	67.9740, 9.8728, 53.5198
Hunter-Lab	25.4154, 35.2977, -5.2592

Details

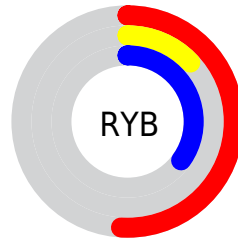
The YUV color **67.9740, 9.8728, 53.5198** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **94.0260, -9.8728, -53.5198**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5290, 8.1202, 55.6641**, and **27.3270, 7.7268, 41.8092** is the 20% darker color. If you saturate the color by 10%, you get **59.6590, 11.0141, 60.8121**, and if you desaturate by 10%, it is **76.2890, 8.7315, 46.2275**.

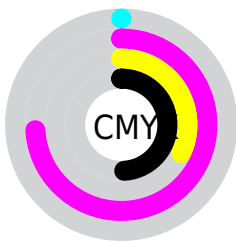
Distribution



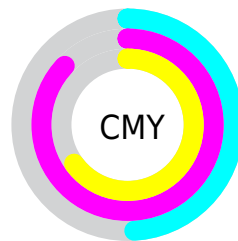
- Red (51%)
- Green (13%)
- Blue (35%)



- Red (51%)
- Yellow (13%)
- Blue (35%)



- Cyan (0%)
- Magenta (74%)
- Yellow (32%)
- Black (49%)



- Cyan (49%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.9740, 9.8728, 53.5198 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 67.9740, 9.8728, 53.5198 by changing the saturation by 10% instead.

67.9740, 9.8728,
53.5198

67.9740, 9.8728,
53.5198

255.0000, 0.0000,
0.0000

37.9080, 13.3564,
56.2087

121.5290, 8.1202,
55.6641

27.3270, 7.7268,
41.8092

149.0130, 7.3886,
56.9936

18.1700, 2.3812,
29.6689

176.6110, 7.0938,
58.2232

3.8870, -1.9163,
7.9921

199.2400, 9.7417,
48.9015

0.0000, 0.0000,
0.0000

218.9820, 14.3059,
31.5878

236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 67.9740, 9.8728,
53.5198

■ 67.9740, 9.8728,
53.5198

■ 59.6590, 11.0141,
60.8121

■ 76.2890, 8.7315,
46.2275

■ 51.4580, 12.5922,
68.0043

■ 84.4900, 7.1534,
39.0353

■ 47.0070, 13.3075,
71.9079

■ 92.8050, 6.0121,
31.7430

■ 101.0060, 4.4340,
24.5507

■ 109.3210, 3.2927,
17.2585

■ 116.9350, 2.0040,
10.5810

■ 125.2500, 0.8628,
3.2888

■ 133.4510, -0.7153,
-3.9035

■ 141.7660, -1.8566,
-11.1958

Harmonies

Analogous

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



73.6310, 23.3529, 23.1256



67.9740, 9.8728, 53.5198



65.0770, -6.4470, 61.3225

Triad

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



67.9740, 9.8728, 53.5198



65.2320, -32.1594, 1.5505



64.8460, 30.1489, -56.8699

Complementary

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



67.9740, 9.8728, 53.5198



94.0260, -9.8728, -53.5198

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.



62.3720, 15.5926, -54.7002



67.9740, 9.8728, 53.5198



56.0300, -19.2418, -35.1063

Square

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



67.9740, 9.8728, 53.5198



68.0550, -33.5511, 28.0158



57.4530, -0.7163, -50.3863



63.3760, 39.7476, -55.5808

Rectangle

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



67.9740, 9.8728, 53.5198



66.5310, -18.5028, 54.7853



57.4530, -0.7163, -50.3863



64.2930, 25.4916, -56.3850

Sweetspot

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



67.9740, 9.8728, 53.5198



144.4570, 3.7187, 20.6472



55.9040, 36.0363, 14.9932



70.0600, 2.4354, 12.2254



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



67.9740, 9.8728, 53.5198



73.2410, 15.1642, 83.1036



62.6160, -10.6567, 58.2188



59.5490, 0.7153, 3.9035



46.5940, 13.0182, 71.3931



0.0000, 0.0000, 0.0000

Inverse Universe

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



67.9740, 9.8728, 53.5198



73.2410, 15.1642, 83.1036



99.3840, 10.6567, -58.2188



59.5490, 0.7153, 3.9035



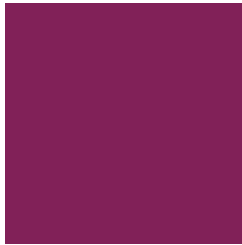
46.5940, 13.0182, 71.3931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 67.9740, 9.8728, 53.5198 looks on a white background.

Color Contrast Check

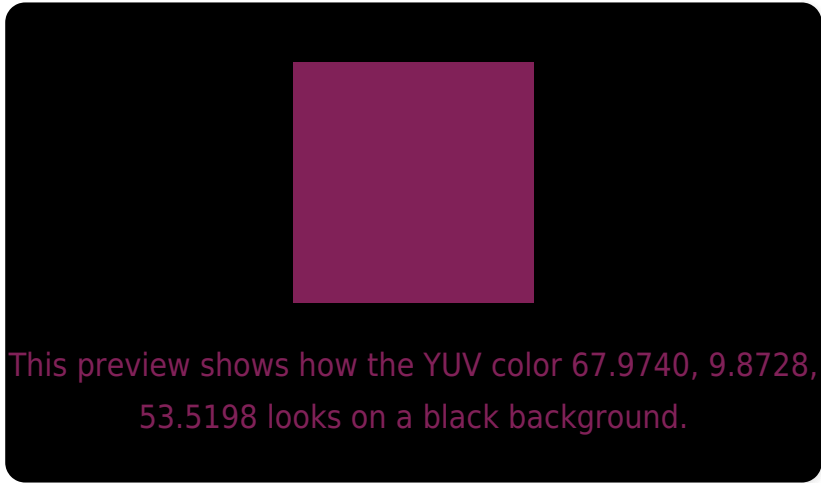
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

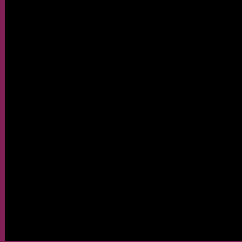
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.9740, 9.8728, 53.5198

Background



This preview shows how black text looks on a background with the YUV color 67.9740, 9.8728, 53.5198.



This preview shows how white text looks on a background with the YUV color 67.9740, 9.8728,

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

67.9740, 9.8728, 53.5198

Protanopia

72.5310, 21.4302, -13.6207

Deuteranopia

73.8630, 4.5045, 1.8741



Tritanopia

69.5610, -10.6296, 49.4970

Trichromacy



Original Color

67.9740, 9.8728, 53.5198

Protanomaly

70.9470, 17.2811, 10.5705

Deuteranomaly

71.5540, 6.6289, 20.5621

Tritanomaly

69.2220, -3.0674, 50.6713

Monochromacy



Original Color

67.9740, 9.8728, 53.5198

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.7450, 3.5767, 19.5176

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.9740, 9.8728, 53.5198 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(129, 33, 88)` looks like.

```
.text, #text, p{  
    color:rgb(129, 33, 88)  
}
```

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(129, 33, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 33, 88) }
```

Border

The CSS property to change the border of an element to YUV 67.9740, 9.8728, 53.5198 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(129, 33, 88) }
```


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

```
.border{ border-color:rgb(129, 33, 88) }
```

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

Here you see how a box with a 4 pixel rgb(129, 33, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 33, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 33, 88);  
box-shadow:4px 4px 4px 4px rgb(129, 33,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 67.9740, 9.8728, 53.5198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 33, 88) }
```

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

```
.background{ background-color: rgb(129, 33,  
88) }
```

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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