

Converting Colors

YIQ(93.5320, 11.8670, 43.7630)

Have a look what the booklet for
YIQ(93.5320, 11.8670, 43.7630)
contains.

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Color

**YIQ(93.5320, 11.8670,
43.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	843E9B
RGB	132, 62, 155
RGB Percent	52%, 24%, 61%
CMY	0.4821, 0.7570, 0.3922
CMYK	0.15, 0.60, 0.00, 0.39
HSL	285°, 43%, 43%
HSV	285°, 60%, 61%
XYZ	17.1616, 10.7186, 32.1719
YIQ	93.5320, 11.8670, 43.7630

Conversions

Conversions Part 2

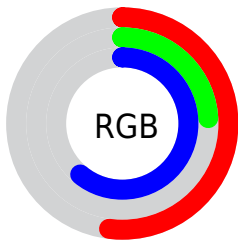
Format	Color
R_{YB}	132, 62, 155
Decimal	8666779
CIE _{Lab}	39.10, 45.09, -38.21
CIE _{LCh}	39, 59.102, 319.726
Yxy	10.7186, 0.2858, 0.1785
Android (android.graphics.Color)	4286856859 (0xFF843E9B)
YUV	93.5320, 30.3037, 33.7364
Hunter-Lab	32.7392, 36.2742, -35.3452

Details

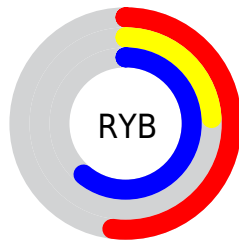
The YIQ color **93.5320, 11.8670, 43.7630** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **123.4680, -11.8670, -43.7630**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.1840, 12.9670, 45.8550**, and **38.2980, 12.6460, 46.1660** is the 20% darker color. If you saturate the color by 10%, you get **82.9440, 13.8830, 51.2830**, and if you desaturate by 10%, it is **103.5330, 10.1260, 36.7660**.

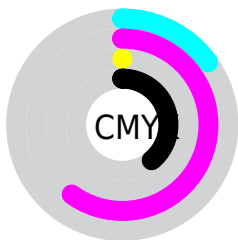
Distribution



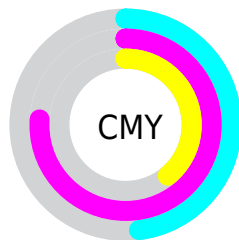
- Red (52%)
- Green (24%)
- Blue (61%)



- Red (52%)
- Yellow (24%)
- Blue (61%)



- Cyan (15%)
- Magenta (60%)
- Yellow (0%)
- Black (39%)



- Cyan (48%)
- Magenta (76%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.5320, 11.8670, 43.7630 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 YIQ color 93.5320, 11.8670, 43.7630 by changing the saturation by 10% instead.

93.5320, 11.8670,
43.7630

93.5320, 11.8670,
43.7630

255.0000, -0.0000,
-0.0000

67.2330, 11.2710,
43.5510

146.1840, 12.9670,
45.8550

38.2980, 12.6460,
46.1660

173.8960, 13.8380,
46.5900

25.1520, 6.8250,
36.0170

200.3540, 18.2400,
43.9040

16.1370, 2.0130,
24.1010

219.7800, 16.5000,
31.3800

4.9360, -11.1430,
9.2170

236.2160, 8.8000,
16.7360

0.5700, -1.6050,
1.5550

253.2390, 0.8250,

0.0000, 0.0000,

1.5690

0.0000

■ 93.5320, 11.8670,
43.7630

■ 93.5320, 11.8670,
43.7630

■ 82.9440, 13.8830,
51.2830

■ 103.5330, 10.1260,
36.7660

■ 72.9430, 15.6240,
58.2800

■ 114.1210, 8.1100,
29.2460

■ 62.6540, 18.2360,
66.0120

■ 124.1220, 6.3690,
22.2490

■ 52.6530, 19.9770,
73.0090

■ 134.4110, 3.7570,
14.5170

■ 144.4120, 2.0160,
7.5200

■ 155.0000, -0.0000,
0.0000

■ 165.0010, -1.7410,
-6.9970

■ 175.5890, -3.7570,
-14.5170

■ 185.2910, -6.0940,
-21.7260

Harmonies

Analogous

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



84.9020, -57.3610, 20.8390



93.5320, 11.8670, 43.7630



84.0180, 54.5970, 51.3090

Triad

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



93.5320, 11.8670, 43.7630



86.9820, 51.9960, -17.2200



80.3530, -70.5580, -20.8460

Complementary

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



93.5320, 11.8670, 43.7630



123.4680, -11.8670, -43.7630

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.



74.0660, -54.2330, -35.8730



93.5320, 11.8670, 43.7630



82.6310, 21.6470, -34.3930

Square

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



93.5320, 11.8670, 43.7630



84.7590, 72.5780, 6.2580



65.7900, -36.4410, -49.9530



83.9670, -83.4900, -6.7380

Rectangle

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



93.5320, 11.8670, 43.7630



79.5280, 70.4160, 45.4560



65.7900, -36.4410, -49.9530



78.5290, -65.4220, -25.8220

Sweetspot

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



93.5320, 11.8670, 43.7630



177.4760, 5.1320, 17.1320



86.1030, -36.1780, 16.8940



87.2920, 2.4740, 10.2340



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.



93.5320, 11.8670, 43.7630



105.4200, 19.0150, 68.4150



97.7870, 32.9580, 41.4860



71.7060, 1.0080, 3.7600



47.6540, 18.2360, 66.0120



4.4720, 1.7870, 6.1630

Inverse Universe

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



92.4290, 48.0450, 26.8690



103.4590, 74.8640, 41.9360



119.2130, -32.9580, -41.4860



71.6200, 4.1260, 2.3180



45.8500, 72.2050, 40.5650



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 93.5320, 11.8670, 43.7630 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 YIQ color 93.5320, 11.8670, 43.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

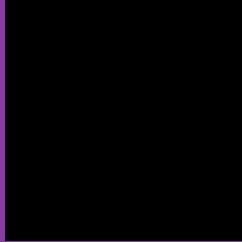
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.5320, 11.8670, 43.7630

Background



This preview shows how black text looks on a background with the YIQ color 93.5320, 11.8670, 43.7630.



This preview shows how white text looks on a background with the YIQ color 93.5320, 11.8670,

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

93.5320, 11.8670, 43.7630

Protanopia

84.0430, -62.3120, 16.9520

Deuteranopia

89.2180, -38.2400, 10.2080



Tritanopia

93.9430, 22.5100, 10.5580

Trichromacy



Original Color

93.5320, 11.8670, 43.7630

Protanomaly

87.4980, -35.4920, 26.4920

Deuteranomaly

91.0620, -19.7650, 22.3070

Tritanomaly

93.8800, 18.7940, 22.8420

Monochromacy



Original Color

93.5320, 11.8670, 43.7630

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.6500, 4.5820, 16.0860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.5320, 11.8670, 43.7630 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(132, 62, 155)` looks like.

```
.text, #text, p{  
    color:rgb(132, 62, 155)  
}
```

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(132, 62, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 62, 155) }
```

Border

The CSS property to change the border of an element to YIQ 93.5320, 11.8670, 43.7630 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(132, 62, 155) }
```


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

```
.border{ border-color:rgb(132, 62, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 62, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 62, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 62, 155);  
box-shadow:4px 4px 4px 4px rgb(132, 62,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 93.5320, 11.8670, 43.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 62, 155) }
```

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

```
.background{ background-color: rgb(132, 62,  
155) }
```

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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