

Converting Colors

YIQ(98.6780, 17.6880, 53.9120)

Have a look what the booklet for
YIQ(98.6780, 17.6880, 53.9120)
contains.

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Color

**YIQ(98.6780, 17.6880,
53.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	953BAB
RGB	149, 59, 171
RGB Percent	58%, 23%, 67%
CMY	0.4154, 0.7688, 0.3294
CMYK	0.13, 0.66, 0.00, 0.33
HSL	288°, 49%, 45%
HSV	288°, 66%, 67%
XYZ	21.3200, 12.4606, 39.8074
YIQ	98.6780, 17.6880, 53.9120

Conversions

Conversions Part 2

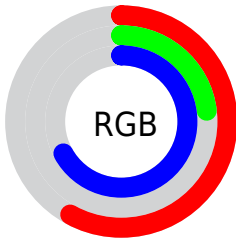
Format	Color
R_{YB}	149, 59, 171
Decimal	9780139
CIE _{Lab}	41.94, 54.06, -43.11
CIE _{LCh}	42, 69.149, 321.427
Yxy	12.4606, 0.2897, 0.1693
Android (android.graphics.Color)	4287970219 (0xFF953BAB)
YUV	98.6780, 35.6547, 44.1324
Hunter-Lab	35.2995, 46.0350, -42.1519

Details

The YIQ color **98.6780, 17.6880, 53.9120** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **131.3220, -17.6880, -53.9120**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **153.8030, 18.8340, 55.1700**, and **41.5580, 18.1460, 56.6260** is the 20% darker color. If you saturate the color by 10%, you get **87.8020, 20.5750, 62.1670**, and if you desaturate by 10%, it is **109.5540, 14.8010, 45.6570**.

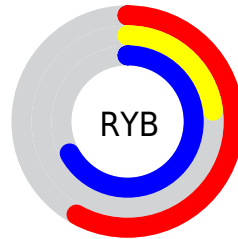
Distribution



Red (58%)

Green (23%)

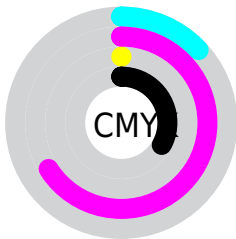
Blue (67%)



Red (58%)

Yellow (23%)

Blue (67%)

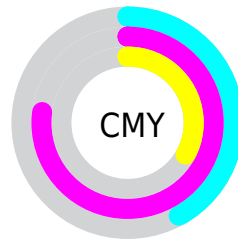


Cyan (13%)

Magenta (66%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (77%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.6780, 17.6880, 53.9120 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 98.6780, 17.6880, 53.9120 by changing the saturation by 10% instead.

■ 98.6780, 17.6880,
53.9120

■ 98.6780, 17.6880,
53.9120

255.0000, -0.0000,
-0.0000

■ 70.5040, 18.2380,
54.9580

■ 153.2160, 19.1090,
55.6930

■ 41.8570, 18.7420,
56.8380

■ 181.5150, 19.7050,
55.9050

■ 30.9340, 10.6750,
43.3390

■ 203.3440, 24.2000,
46.0240

■ 21.0220, 4.0750,
30.7870

■ 219.7800, 16.5000,
31.3800

■ 7.8210, -9.0810,
15.9030

■ 236.8030, 8.5250,
16.2130

■ 3.3230, -7.9790,
6.9410

253.8260, 0.5500,

■ 0.0000, 0.0000,

1.0460

0.0000

■ 98.6780, 17.6880,
53.9120

■ 98.6780, 17.6880,
53.9120

■ 87.8020, 20.5750,
62.1670

■ 109.5540, 14.8010,
45.6570

■ 76.6270, 22.8660,
70.2100

■ 120.7290, 12.5100,
37.6140

■ 65.7510, 25.7530,
78.4650

■ 131.6050, 9.6230,
29.3590

■ 60.7560, 27.3570,
82.4370

■ 142.4810, 6.7360,
21.1040

■ 153.6560, 4.4450,
13.0610

■ 165.1190, 1.2830,
4.2830

■ 175.9950, -1.6040,
-3.9720

■ 187.1700, -3.8950,
-12.0150

■ 198.0460, -6.7820,
-20.2700

Harmonies

Analogous

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



88.6760, -68.2280, 25.0520



98.6780, 17.6880, 53.9120



77.5940, 71.1910, 69.9670

Triad

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



98.6780, 17.6880, 53.9120



93.7820, 55.4350, -18.9730



88.0470, -78.4440, -21.1000

Complementary

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



98.6780, 17.6880, 53.9120



131.3220, -17.6880, -53.9120

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.



80.7340, -59.2300, -38.9260



98.6780, 17.6880, 53.9120



87.9140, 19.1720, -39.1000

Square

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



98.6780, 17.6880, 53.9120



89.0070, 86.3790, 3.9390



70.7480, -36.6230, -57.6710



91.8720, -93.3480, -4.2920

Rectangle

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



98.6780, 17.6880, 53.9120



70.6590, 89.7610, 63.8170



70.7480, -36.6230, -57.6710



85.8810, -72.3450, -27.0090

Sweetspot

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



98.6780, 17.6880, 53.9120



192.8940, 7.0110, 21.6270



84.6820, -42.0020, 23.3260



94.6560, 4.4450, 13.0610



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



98.6780, 17.6880, 53.9120



109.1090, 27.8610, 84.3170



101.3800, 41.7140, 48.0020



81.1190, 1.2830, 4.2830



53.2790, 23.9660, 72.3020



8.0040, 3.3450, 10.9690

Inverse Universe

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



94.9960, 59.6900, 30.5860



103.2010, 93.3860, 47.6740



128.6200, -41.7140, -48.0020



80.9190, 4.7220, 2.5300



48.1560, 80.0910, 40.8190



7.3330, 12.4240, 6.1200

Previews

White Background



This preview shows how the YIQ color 98.6780, 17.6880, 53.9120 looks on a white background.

Color Contrast Check

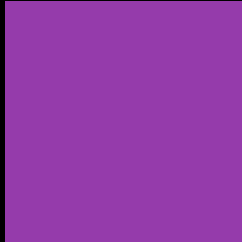
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.6780, 17.6880, 53.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

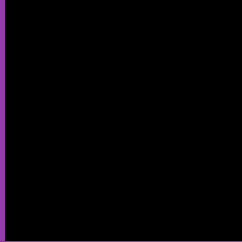
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.6780, 17.6880, 53.9120

Background



This preview shows how black text looks on a background with the YIQ color 98.6780, 17.6880, 53.9120.



This preview shows how white text looks on a background with the YIQ color 98.6780, 17.6880,

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

98.6780, 17.6880, 53.9120

Protanopia

79.6080, -91.8840, 13.2360

Deuteranopia

95.0370, -44.9800, 11.2120



Tritanopia

100.8300, 30.2580, 13.3140

Trichromacy



Original Color

98.6780, 17.6880, 53.9120



Protanomaly

86.7550, -52.2730, 27.7510



Deuteranomaly

96.4410, -22.1500, 26.9860



Tritanomaly

100.0490, 25.8080, 27.8880

Monochromacy



Original Color

98.6780, 17.6880, 53.9120



Achromatopsia

99.0000, -0.0000, 0.0000



Achromatomaly

98.5410, 6.5070, 19.7470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.6780, 17.6880, 53.9120 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(149, 59, 171)` looks like.

```
.text, #text, p{  
    color:rgb(149, 59, 171)  
}
```

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(149, 59, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 59, 171) }
```

Border

The CSS property to change the border of an element to YIQ 98.6780, 17.6880, 53.9120 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(149, 59, 171) }
```


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

```
.border{ border-color:rgb(149, 59, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 59, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 59, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 59, 171);  
box-shadow:4px 4px 4px 4px rgb(149, 59,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 98.6780, 17.6880, 53.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 59, 171) }
```

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

```
.background{ background-color: rgb(149, 59,  
171) }
```

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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