

Converting Colors

YIQ(99.7800, 25.6680, 41.4440)

Have a look what the booklet for
YIQ(99.7800, 25.6680, 41.4440)
contains.

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Color

**YIQ(99.7800, 25.6680,
41.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	96428E
RGB	150, 66, 142
RGB Percent	59%, 26%, 56%
CMY	0.4115, 0.7413, 0.4431
CMYK	0.00, 0.56, 0.05, 0.41
HSL	306°, 39%, 42%
HSV	306°, 56%, 59%
XYZ	19.4188, 12.3357, 26.9530
YIQ	99.7800, 25.6680, 41.4440

Conversions

Conversions Part 2

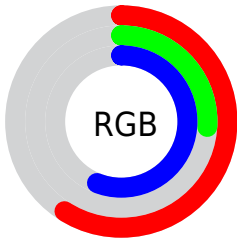
Format	Color
R_{YB}	150, 66, 142
Decimal	9847438
CIE _{Lab}	41.74, 45.59, -26.02
CIE _{LCh}	42, 52.488, 330.285
Yxy	12.3357, 0.3308, 0.2101
Android (android.graphics.Color)	4288037518 (0xFF96428E)
YUV	99.7800, 20.8145, 44.0429
Hunter-Lab	35.1222, 37.2274, -20.9141

Details

The YIQ color **99.7800, 25.6680, 41.4440** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **116.2200, -25.6680, -41.4440**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **153.2040, 27.4100, 42.9140**, and **43.7740, 25.8050, 44.4690** is the 20% darker color. If you saturate the color by 10%, you get **90.8610, 30.1140, 48.9780**, and if you desaturate by 10%, it is **108.6990, 21.2220, 33.9100**.

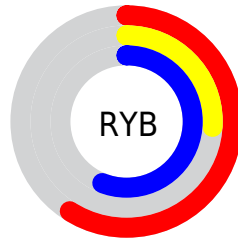
Distribution



Red (59%)

Green (26%)

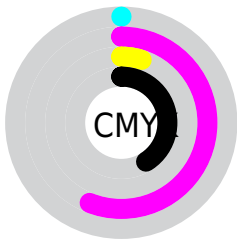
Blue (56%)



Red (59%)

Yellow (26%)

Blue (56%)

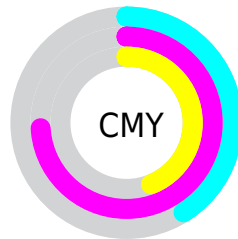


Cyan (0%)

Magenta (56%)

Yellow (5%)

Black (41%)



Cyan (41%)

Magenta (74%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.7800, 25.6680, 41.4440 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 99.7800, 25.6680, 41.4440 by changing the saturation by 10% instead.

■ 99.7800, 25.6680,
41.4440

■ 99.7800, 25.6680,
41.4440

■ 255.0000, -0.0000,
-0.0000

■ 73.4810, 25.0720,
41.2320

■ 153.2040, 27.4100,
42.9140

■ 44.0730, 26.4010,
44.6810

■ 180.9160, 28.2810,
43.6490

■ 28.9810, 20.4880,
36.2000

■ 206.0510, 23.4670,
42.7870

■ 19.4820, 14.1630,
24.1710

■ 222.7150, 15.1250,
28.7650

■ 6.2100, -0.2310,
9.6970

■ 239.7380, 7.1500,
13.5980

■ 0.0000, 0.0000,
0.0000

■ 99.7800, 25.6680,
41.4440

■ 99.7800, 25.6680,
41.4440

■ 90.8610, 30.1140,
48.9780

■ 108.6990, 21.2220,
33.9100

■ 81.8280, 34.8810,
56.2010

■ 117.7320, 16.4550,
26.6870

■ 72.9090, 39.3270,
63.7350

■ 126.6510, 12.0090,
19.1530

■ 63.8760, 44.0940,
70.9580

■ 135.6840, 7.2420,
11.9300

■ 60.3540, 45.7440,
74.0960


■ 144.6030, 2.7960,
4.3960

■ 153.6360, -1.9710,
-2.8270

■ 162.5550, -6.4170,
-10.3610

■ 171.5880,

-11.1840, -17.5840

 180.5070,
-15.6300, -25.1180

Harmonies

Analogous

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



99.9080, -21.9670, 29.1770



99.7800, 25.6680, 41.4440



94.2380, 56.4330, 40.0570

Triad

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



99.7800, 25.6680, 41.4440



92.2210, 43.6530, -25.7150



85.3400, -77.7110, -17.8630

Complementary

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



99.7800, 25.6680, 41.4440



116.2200, -25.6680, -41.4440

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.



80.4380, -63.9080, -31.2360



99.7800, 25.6680, 41.4440



86.7330, 12.4320, -38.0960

Square

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



99.7800, 25.6680, 41.4440



94.1610, 62.2180, -4.2300



73.5470, -48.6380, -43.6620



86.6400, -86.8830, -5.8190

Rectangle

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



99.7800, 25.6680, 41.4440



93.2910, 66.1090, 29.8930



73.5470, -48.6380, -43.6620



83.7440, -73.2170, -22.2170

Sweetspot

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



99.7800, 25.6680, 41.4440



176.2870, 10.0380, 16.3260



77.6690, -22.7920, 27.6080



87.7330, 5.5460, 9.6260



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.



99.7800, 25.6680, 41.4440



117.7350, 39.8770, 64.7810



95.1060, 38.8290, 28.6930



69.7770, 2.2460, 3.3500



55.5120, 42.1230, 68.1310



4.0160, 3.0710, 4.9190

Inverse Universe

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



99.7800, 25.6680, 41.4440



117.7350, 39.8770, 64.7810



120.8940, -38.8290, -28.6930



69.7770, 2.2460, 3.3500



55.5120, 42.1230, 68.1310



4.0160, 3.0710, 4.9190

Previews

White Background



This preview shows how the YIQ color 99.7800, 25.6680, 41.4440 looks on a white background.

Color Contrast Check

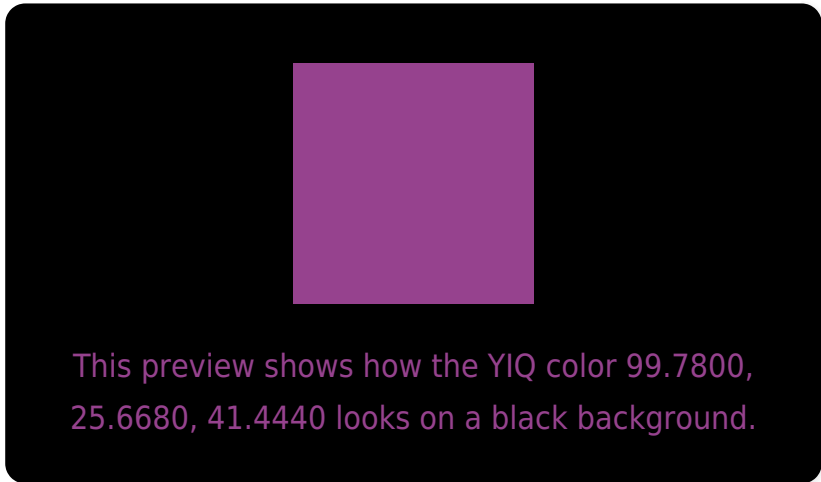
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

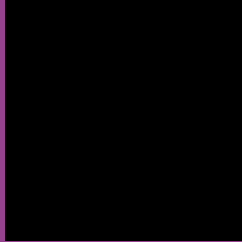
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.7800, 25.6680, 41.4440

Background



This preview shows how black text looks on a background with the YIQ color 99.7800, 25.6680, 41.4440.



This preview shows how white text looks on a background with the YIQ color 99.7800, 25.6680,

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

99.7800, 25.6680, 41.4440

Protanopia

96.7220, -39.4790, 16.1450

Deuteranopia

99.1570, -19.0750, 9.7970



Tritanopia

99.8200, 36.2180, 15.4340

Trichromacy



Original Color

99.7800, 25.6680, 41.4440

Protanomaly

97.9100, -16.2810, 25.2470

Deuteranomaly

99.2180, -2.7090, 21.5710

Tritanomaly

99.7630, 32.3650, 24.6930

Monochromacy



Original Color

99.7800, 25.6680, 41.4440

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.0480, 9.2130, 14.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.7800, 25.6680, 41.4440 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(150, 66, 142)` looks like.

```
.text, #text, p{  
    color:rgb(150, 66, 142)  
}
```

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(150, 66, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 66, 142) }
```

Border

The CSS property to change the border of an element to YIQ 99.7800, 25.6680, 41.4440 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(150, 66, 142) }
```


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

```
.border{ border-color:rgb(150, 66, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 66, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 66, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 66, 142);  
box-shadow:4px 4px 4px 4px rgb(150, 66,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 99.7800, 25.6680, 41.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 66, 142) }
```

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

```
.background{ background-color: rgb(150, 66,  
142) }
```

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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