

Converting Colors

YIQ(94.4440, 8.1580, 17.3580)

Have a look what the booklet for
YIQ(94.4440, 8.1580, 17.3580)
contains.

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Color

**YIQ(94.4440, 8.1580,
17.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	715173
RGB	113, 81, 115
RGB Percent	44%, 32%, 45%
CMY	0.5568, 0.6824, 0.5490
CMYK	0.02, 0.30, 0.00, 0.55
HSL	297°, 17%, 38%
HSV	297°, 30%, 45%
XYZ	12.8493, 10.6331, 17.5953
YIQ	94.4440, 8.1580, 17.3580

Conversions

Conversions Part 2

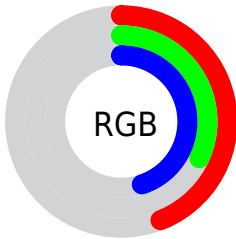
Format	Color
R_{YB}	113, 81, 115
Decimal	7426419
CIE _{Lab}	38.96, 19.74, -14.19
CIE _{LCh}	39, 24.308, 324.295
Yxy	10.6331, 0.3128, 0.2589
Android (android.graphics.Color)	4285616499 (0xFF715173)
YUV	94.4440, 10.1341, 16.2736
Hunter-Lab	32.6084, 13.2730, -9.1666

Details

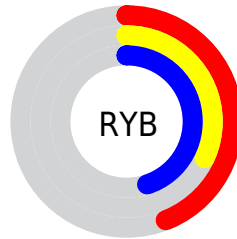
The YIQ color **94.4440, 8.1580, 17.3580** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **101.5560, -8.1580, -17.3580**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2700, 8.7080, 18.4040**, and **47.3190, 7.0120, 16.1000** is the 20% darker color. If you saturate the color by 10%, you get **87.1010, 10.8620, 23.4220**, and if you desaturate by 10%, it is **101.2000, 5.7290, 11.8170**.

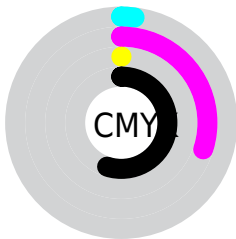
Distribution



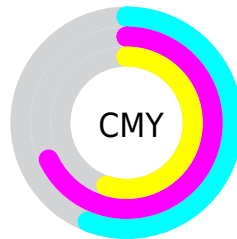
- Red (44%)
- Green (32%)
- Blue (45%)



- Red (44%)
- Yellow (32%)
- Blue (45%)



- Cyan (2%)
- Magenta (30%)
- Yellow (0%)
- Black (55%)



- Cyan (56%)
- Magenta (68%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.4440, 8.1580, 17.3580 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 94.4440, 8.1580, 17.3580 by changing the saturation by 10% instead.

■ 94.4440, 8.1580,
17.3580

■ 94.4440, 8.1580,
17.3580

■ 255.0000, -0.0000,
-0.0000

■ 70.6180, 7.6080,
16.3120

■ 145.2700, 8.7080,
18.4040

■ 47.3190, 7.0120,
16.1000

■ 171.9820, 9.5790,
19.1390

■ 25.9060, 6.7370,
15.5770

■ 199.3950, 9.8540,
19.6620

■ 9.0150, 4.8120,
11.9160

■ 227.5090, 9.5330,
19.9730

■ 0.0000, 0.0000,
0.0000

■ 246.1950, 4.1250,
7.8450

94.4440, 8.1580,
17.3580

94.4440, 8.1580,
17.3580

87.1010, 10.8620,
23.4220

101.2000, 5.7290,
11.8170

80.6440, 13.8870,
29.1750

108.2440, 2.4290,
5.5410

73.3010, 16.5910,
35.2390

115.0000, -0.0000,
0.0000

66.5450, 19.0200,
40.7800

122.3430, -2.7040,
-6.0640

59.5010, 22.3200,
47.0560

128.8000, -5.7290,
-11.8170

52.7450, 24.7490,
52.5970


136.1430, -8.4330,
-17.8810

45.4020, 27.4530,
58.6610

142.8990,
-10.8620, -23.4220

149.9430,

-14.1620, -29.6980

 156.6990,
-16.5910, -35.2390

Harmonies

Analogous

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



92.8590, -12.2440, 12.6520



94.4440, 8.1580, 17.3580



94.1160, 23.7010, 16.5090

Triad

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



94.4440, 8.1580, 17.3580



90.4630, 23.2010, -7.4790



74.4640, -57.6290, -18.3730

Complementary

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



94.4440, 8.1580, 17.3580



101.5560, -8.1580, -17.3580

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.



81.4530, -32.7330, -18.0210



94.4440, 8.1580, 17.3580



88.3470, 8.6680, -13.9240

Square

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



94.4440, 8.1580, 17.3580



91.7510, 31.4980, 1.8500



85.8870, -10.5880, -17.3720



78.7020, -55.0630, -9.8070

Rectangle

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



94.4440, 8.1580, 17.3580



93.5310, 29.6620, 13.1020



85.8870, -10.5880, -17.3720



77.0690, -49.1470, -17.9070

Sweetspot

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



94.4440, 8.1580, 17.3580



142.3690, 3.5750, 6.7990



86.0500, -11.4640, 9.5280



71.4180, 1.8790, 4.4950



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



94.4440, 8.1580, 17.3580



118.5790, 12.5120, 26.5600



93.3320, 14.1650, 13.1170



55.1790, 1.0540, 2.9260



48.2930, 29.3780, 62.3220



98.7650, 59.8100, 127.5700

Inverse Universe

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



91.3940, 19.6220, 7.8300



113.8900, 30.0290, 11.9570



102.6680, -14.1650, -13.1170



54.7940, 3.5760, 1.2720



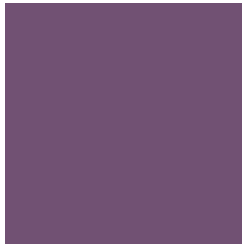
37.2760, 70.4650, 28.0410



76.4600, 144.1850, 57.6650

Previews

White Background



This preview shows how the YIQ color 94.4440, 8.1580, 17.3580 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 94.4440, 8.1580, 17.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

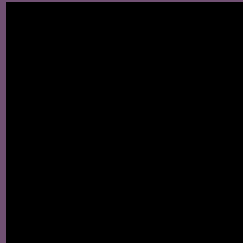
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.4440, 8.1580, 17.3580

Background



This preview shows how black text looks on a background with the YIQ color 94.4440, 8.1580, 17.3580.

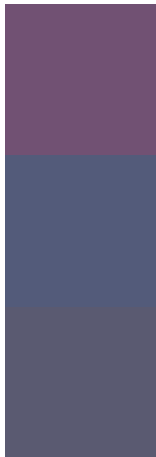


This preview shows how white text looks on a background with the YIQ color 94.4440, 8.1580,

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

94.4440, 8.1580, 17.3580

Protanopia

92.1420, -14.7190, 7.9450

Deuteranopia

92.6220, -7.3830, 7.1530



Tritanopia

93.2730, 12.6530, 7.4770

Trichromacy



Original Color

94.4440, 8.1580, 17.3580

Protanomaly

92.7410, -6.1000, 11.4360

Deuteranomaly

93.3670, -2.1110, 10.7290

Tritanomaly

93.8970, 10.9560, 10.7000

Monochromacy



Original Color

94.4440, 8.1580, 17.3580

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0700, 2.9790, 6.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.4440, 8.1580, 17.3580 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(113, 81, 115)` looks like.

```
.text, #text, p{  
    color:rgb(113, 81, 115)  
}
```

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(113, 81, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 81, 115) }
```

Border

The CSS property to change the border of an element to YIQ 94.4440, 8.1580, 17.3580 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(113, 81, 115) }
```


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

```
.border{ border-color:rgb(113, 81, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 81, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 81, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 81, 115);  
box-shadow:4px 4px 4px 4px rgb(113, 81,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 94.4440, 8.1580, 17.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 81, 115) }
```

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

```
.background{ background-color: rgb(113, 81,  
115) }
```

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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