

Converting Colors

YIQ(114.4980, 8.0660, 19.0260)

Have a look what the booklet for
YIQ(114.4980, 8.0660, 19.0260)
contains.

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Color

**YIQ(114.4980, 8.0660,
19.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	86648A
RGB	134, 100, 138
RGB Percent	53%, 39%, 54%
CMY	0.4744, 0.6079, 0.4588
CMYK	0.03, 0.28, 0.00, 0.46
HSL	294°, 16%, 47%
HSV	294°, 28%, 54%
XYZ	18.9791, 16.0171, 26.1363
YIQ	114.4980, 8.0660, 19.0260

Conversions

Conversions Part 2

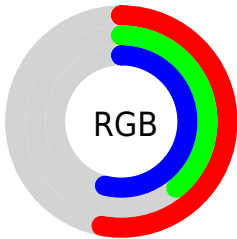
Format	Color
R_{YB}	134, 100, 138
Decimal	8807562
CIE _{Lab}	47.00, 20.71, -15.68
CIE _{LCh}	47, 25.975, 322.865
Yxy	16.0171, 0.3105, 0.2620
Android (android.graphics.Color)	4286997642 (0xFF86648A)
YUV	114.4980, 11.5865, 17.1033
Hunter-Lab	40.0214, 14.6113, -10.7048

Details

The YIQ color **114.4980, 8.0660, 19.0260** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.5020, -8.0660, -19.0260**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7370, 8.8910, 20.5950**, and **66.2590, 7.2410, 17.4570** is the 20% darker color. If you saturate the color by 10%, you get **105.9810, 11.3200, 26.1360**, and if you desaturate by 10%, it is **123.0150, 4.8120, 11.9160**.

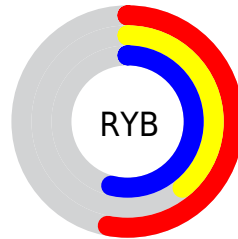
Distribution



Red (53%)

Green (39%)

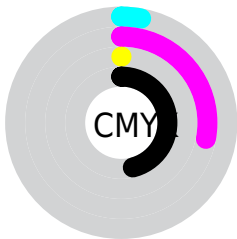
Blue (54%)



Red (53%)

Yellow (39%)

Blue (54%)

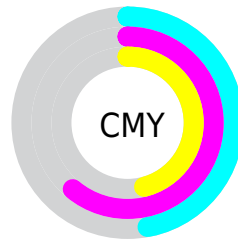


Cyan (3%)

Magenta (28%)

Yellow (0%)

Black (46%)



Cyan (47%)


Magenta (61%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.4980, 8.0660, 19.0260 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 114.4980, 8.0660, 19.0260 by changing the saturation by 10% instead.

 114.4980, 8.0660,
19.0260


 114.4980, 8.0660,
19.0260

255.0000, -0.0000,
-0.0000

 89.7860, 7.1950,
18.2910


 166.7370, 8.8910,
20.5950

 66.2590, 7.2410,
17.4570


 194.0360, 9.4870,
20.8070


 43.5470, 6.3700,
16.7220

 222.1500, 9.1660,
21.1180

 21.4330, 6.6910,
16.4110

 242.6730, 5.7750,
10.9830

 4.9000, -2.2940,
8.5380

 0.0000, 0.0000,
0.0000

■ 114.4980, 8.0660,
19.0260

■ 114.4980, 8.0660,
19.0260

■ 105.9810, 11.3200,
26.1360

■ 123.0150, 4.8120,
11.9160

■ 97.1650, 13.9780,
33.0340

■ 131.8310, 2.1540,
5.0180

■ 89.2350, 16.9570,
39.6210

■ 139.7610, -0.8250,
-1.5690

■ 80.4190, 19.6150,
46.5190

■ 148.5770, -3.4830,
-8.4670

■ 71.9020, 22.8690,
53.6290

■ 157.0940, -6.7370,
-15.5770

■ 63.0860, 25.5270,
60.5270

■ 165.9100, -9.3950,
-22.4750

■ 54.5690, 28.7810,
67.6370


■ 174.4270,
-12.6490, -29.5850

■ 52.8080, 29.6060,

■ 182.6560,

69.2060

-15.0320, -35.9600

 191.1730,
-18.2860, -43.0700

Harmonies

Analogous

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



112.7170, -14.7200, 13.4720



114.4980, 8.0660, 19.0260



114.0670, 25.3970, 18.8130

Triad

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



114.4980, 8.0660, 19.0260



110.3170, 26.5480, -7.5640



96.3610, -55.8410, -17.7370

Complementary

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



114.4980, 8.0660, 19.0260



123.5020, -8.0660, -19.0260

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.



100.9150, -34.1540, -19.8020



114.4980, 8.0660, 19.0260



108.1900, 10.5480, -14.9560

Square

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



114.4980, 8.0660, 19.0260



112.0180, 35.1200, 2.2880



105.1320, -9.9000, -18.8280



98.4460, -57.2180, -9.2980

Rectangle

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



114.4980, 8.0660, 19.0260



113.5530, 32.5960, 14.9960



105.1320, -9.9000, -18.8280



97.5420, -49.1010, -18.7410

Sweetspot

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



114.4980, 8.0660, 19.0260



169.5970, 2.9330, 7.4210



106.6800, -13.2980, 9.7260



83.4180, 1.8790, 4.4950



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



114.4980, 8.0660, 19.0260



142.2740, 12.0530, 29.3730



113.9840, 15.2650, 15.2090



64.5920, 1.3290, 3.4490



50.7430, 28.2310, 66.5910



2.0650, 1.3750, 2.6150

Inverse Universe

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



111.8180, 21.3640, 9.3000



138.3250, 33.2380, 14.3740



124.0160, -15.2650, -15.2090



64.2070, 3.8510, 1.7950



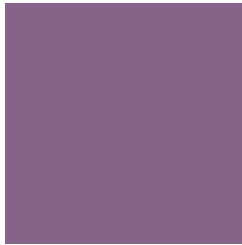
41.3630, 74.7740, 32.5500



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 114.4980, 8.0660, 19.0260 looks on a white background.

Color Contrast Check

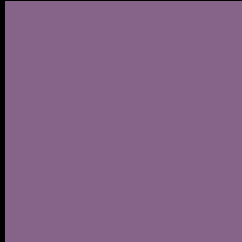
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.4980, 8.0660, 19.0260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

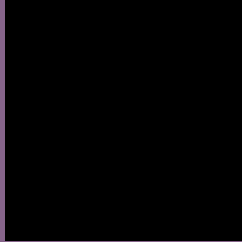
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.4980, 8.0660, 19.0260

Background



This preview shows how black text looks on a background with the YIQ color 114.4980, 8.0660, 19.0260.



This preview shows how white text looks on a background with the YIQ color 114.4980, 8.0660,

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

114.4980, 8.0660, 19.0260

Protanopia

111.5980, -16.0030, 9.1890

Deuteranopia

112.3770, -8.0710, 8.6090



Tritanopia

113.3870, 12.3320, 7.7880

Trichromacy



Original Color

114.4980, 8.0660, 19.0260

Protanomaly

112.4960, -6.7880, 12.8920

Deuteranomaly

113.4210, -2.2030, 12.3970

Tritanomaly

113.5380, 10.5890, 11.8450

Monochromacy



Original Color

114.4980, 8.0660, 19.0260

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1840, 2.6580, 6.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.4980, 8.0660, 19.0260 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(134, 100, 138)` looks like.

```
.text, #text, p{  
    color:rgb(134, 100, 138)  
}
```

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(134, 100, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 100, 138) }
```

Border

The CSS property to change the border of an element to YIQ 114.4980, 8.0660, 19.0260 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(134, 100, 138) }
```


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

```
.border{ border-color:rgb(134, 100, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 100, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 100, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 100, 138);  
box-shadow:4px 4px 4px 4px rgb(134, 100,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 114.4980, 8.0660, 19.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 100, 138) }
```

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

```
.background{ background-color: rgb(134,  
100, 138) }
```

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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