

Converting Colors

YIQ(114.6470, 17.8320, 18.2480)

Have a look what the booklet for
YIQ(114.6470, 17.8320, 18.2480)
contains.

YIQ(114.6470, 17.8320, 18.2480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(114.6470, 17.8320,
18.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	8F627E
RGB	143, 98, 126
RGB Percent	56%, 38%, 49%
CMY	0.4391, 0.6157, 0.5058
CMYK	0.00, 0.31, 0.12, 0.44
HSL	323°, 19%, 47%
HSV	323°, 31%, 56%
XYZ	19.4658, 16.0810, 21.8209
YIQ	114.6470, 17.8320, 18.2480

Conversions

Conversions Part 2

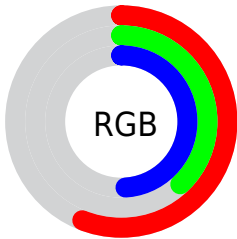
Format	Color
R_{YB}	143, 98, 126
Decimal	9396862
CIE _{Lab}	47.08, 22.82, -8.28
CIE _{LCh}	47, 24.280, 340.060
Yxy	16.0810, 0.3393, 0.2803
Android (android.graphics.Color)	4287586942 (0xFF8F627E)
YUV	114.6470, 5.5970, 24.8656
Hunter-Lab	40.1011, 16.4702, -4.1917

Details

The YIQ color **114.6470, 17.8320, 18.2480** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **126.3530, -17.8320, -18.2480**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7720, 18.9780, 19.5060**, and **65.6360, 16.3650, 17.3010** is the 20% darker color. If you saturate the color by 10%, you get **105.8590, 23.2870, 24.0150**, and if you desaturate by 10%, it is **123.4350, 12.3770, 12.4810**.

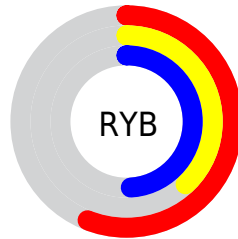
Distribution



Red (56%)

Green (38%)

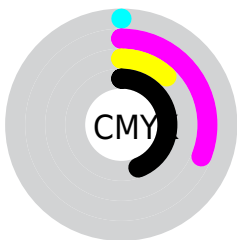
Blue (49%)



Red (56%)

Yellow (38%)

Blue (49%)

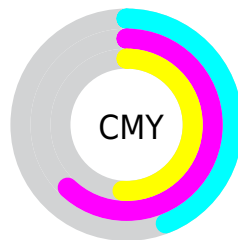


Cyan (0%)

Magenta (31%)

Yellow (12%)

Black (44%)



Cyan (44%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.6470, 17.8320, 18.2480 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 114.6470, 17.8320, 18.2480 by changing the saturation by 10% instead.

■ 114.6470, 17.8320,
18.2480

■ 114.6470, 17.8320,
18.2480

■ 255.0000, -0.0000,
-0.0000

■ 89.9350, 16.9610,
17.5130

■ 166.7720, 18.9780,
19.5060

■ 65.6360, 16.3650,
17.3010

■ 194.3700, 20.1700,
19.9300

■ 42.6250, 14.8980,
16.3540

■ 222.6690, 20.7660,
20.1420

■ 20.4400, 13.9810,
16.4530

■ 241.4990, 6.3250,
12.0290

■ 6.8920, 9.3520,
6.7280

■ 0.0000, 0.0000,
0.0000

■ 114.6470, 17.8320,
18.2480

■ 114.6470, 17.8320,
18.2480

■ 105.8590, 23.2870,
24.0150

■ 123.4350, 12.3770,
12.4810

■ 96.3700, 29.3380,
29.9940

■ 132.9240, 6.3260,
6.5020

■ 87.5820, 34.7930,
35.7610

■ 141.7120, 0.8710,
0.7350

■ 78.6800, 40.5690,
41.2170

■ 150.6140, -4.9050,
-4.7210

■ 69.3050, 46.2990,
47.5070

■ 159.9890,
-10.6350, -11.0110

■ 60.5170, 51.7540,
53.2740


■ 168.7770,
-16.0900, -16.7780

■ 52.9030, 56.6590,
57.9950

■ 177.6790,
-21.8660, -22.2340

■ 186.4670,

-27.3210, -28.0010

 195.9560,
-33.3720, -33.9800

Harmonies

Analogous

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



114.1270, -1.1950, 16.1570



114.6470, 17.8320, 18.2480



113.7700, 30.4870, 14.6710

Triad

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



114.6470, 17.8320, 18.2480



110.0060, 17.0580, -11.7900



99.2030, -52.2200, -11.7720

Complementary

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



114.6470, 17.8320, 18.2480



126.3530, -17.8320, -18.2480

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.



100.3040, -42.4990, -17.2430



114.6470, 17.8320, 18.2480



107.0900, -0.9140, -16.4820

Square

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



114.6470, 17.8320, 18.2480



111.6210, 28.7480, -3.3800



104.2000, -21.7750, -18.3750



105.0890, -42.7310, -2.0190

Rectangle

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



114.6470, 17.8320, 18.2480



113.1630, 33.5140, 9.3700



104.2000, -21.7750, -18.3750



98.8070, -51.1650, -14.3730

Sweetspot

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



114.6470, 17.8320, 18.2480



175.3370, 6.6010, 7.0250



108.2130, -4.3130, 17.5990



87.6740, 4.0340, 3.9860



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



114.6470, 17.8320, 18.2480



141.2450, 28.1920, 28.7360



112.1390, 24.8940, 11.4060



66.6630, 2.5670, 3.0390



49.9410, 53.4960, 54.7440



2.9620, 3.1630, 3.2510

Inverse Universe

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



114.6470, 17.8320, 18.2480



141.2450, 28.1920, 28.7360



128.8610, -24.8940, -11.4060



66.6630, 2.5670, 3.0390



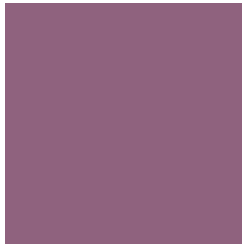
49.9410, 53.4960, 54.7440



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 114.6470, 17.8320, 18.2480 looks on a white background.

Color Contrast Check

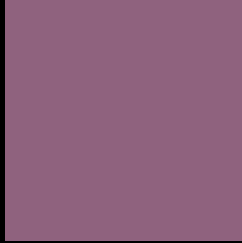
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.6470, 17.8320, 18.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

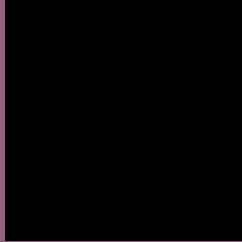
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.6470, 17.8320, 18.2480

Background



This preview shows how black text looks on a background with the YIQ color 114.6470, 17.8320, 18.2480.



This preview shows how white text looks on a background with the YIQ color 114.6470, 17.8320,

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

114.6470, 17.8320, 18.2480

Protanopia

112.5400, -10.0880, 6.6160

Deuteranopia

113.1020, -0.0470, 6.3610



Tritanopia

113.8720, 21.2720, 10.9680

Trichromacy



Original Color

114.6470, 17.8320, 18.2480

Protanomaly

113.1500, -0.0020, 11.0540

Deuteranomaly

113.5590, 6.0960, 10.6720

Tritanomaly

114.2680, 20.2170, 13.5690

Monochromacy



Original Color

114.6470, 17.8320, 18.2480

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9240, 6.3260, 6.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.6470, 17.8320, 18.2480 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(143, 98, 126)` looks like.

```
.text, #text, p{  
    color:rgb(143, 98, 126)  
}
```

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(143, 98, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 98, 126) }
```

Border

The CSS property to change the border of an element to YIQ 114.6470, 17.8320, 18.2480 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(143, 98, 126) }
```


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

```
.border{ border-color:rgb(143, 98, 126) }
```

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

Here you see how a box with a 4 pixel rgb(143, 98, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 98, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 98, 126);  
box-shadow:4px 4px 4px 4px rgb(143, 98,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 114.6470, 17.8320, 18.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 98, 126) }
```

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

```
.background{ background-color: rgb(143, 98,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor