

Converting Colors

YIQ(114.9630, 19.7580, 16.3820)

Have a look what the booklet for
YIQ(114.9630, 19.7580, 16.3820)
contains.

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Color

**YIQ(114.9630, 19.7580,
16.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	906379
RGB	144, 99, 121
RGB Percent	56%, 39%, 47%
CMY	0.4352, 0.6118, 0.5254
CMYK	0.00, 0.31, 0.16, 0.44
HSL	331°, 19%, 48%
HSV	331°, 31%, 56%
XYZ	19.4192, 16.2330, 20.2040
YIQ	114.9630, 19.7580, 16.3820

Conversions

Conversions Part 2

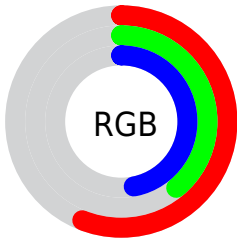
Format	Color
R_{YB}	144, 99, 121
Decimal	9462649
CIE _{Lab}	47.28, 21.73, -4.97
CIE _{LCh}	47, 22.296, 347.112
Yxy	16.2330, 0.3477, 0.2906
Android (android.graphics.Color)	4287652729 (0xFF906379)
YUV	114.9630, 2.9762, 25.4654
Hunter-Lab	40.2902, 15.5259, -1.5284

Details

The YIQ color **114.9630, 19.7580, 16.3820** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **128.0370, -19.7580, -16.3820**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2730, 21.8210, 17.5410**, and **66.6530, 17.6950, 15.2230** is the 20% darker color. If you saturate the color by 10%, you get **105.9470, 25.8550, 21.5270**, and if you desaturate by 10%, it is **123.9790, 13.6610, 11.2370**.

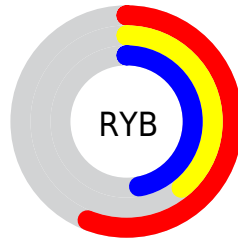
Distribution



Red (56%)

Green (39%)

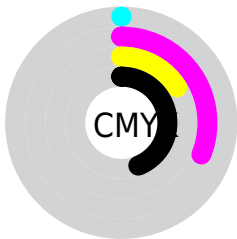
Blue (47%)



Red (56%)

Yellow (39%)

Blue (47%)

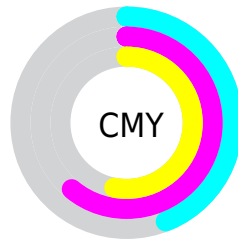


Cyan (0%)

Magenta (31%)

Yellow (16%)

Black (44%)



Cyan (44%)

Magenta (61%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.9630, 19.7580, 16.3820 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 114.9630, 19.7580, 16.3820 by changing the saturation by 10% instead.

■ 114.9630, 19.7580,
16.3820

■ 114.9630, 19.7580,
16.3820

■ 255.0000, -0.0000,
-0.0000

■ 90.2510, 18.8870,
15.6470

■ 167.2730, 21.8210,
17.5410

■ 66.0660, 17.9700,
15.7460

■ 194.6860, 22.0960,
18.0640

■ 43.0550, 16.5030,
14.7990

■ 222.6860, 22.0960,
18.0640

■ 20.8700, 15.5860,
14.8980

■ 242.0860, 6.0500,
11.5060

■ 6.6920, 12.7910,
4.9750

■ 0.0000, 0.0000,
0.0000

■ 114.9630, 19.7580,
16.3820

■ 114.9630, 19.7580,
16.3820

■ 105.9470, 25.8550,
21.5270

■ 123.9790, 13.6610,
11.2370

■ 96.2300, 32.5480,
26.8840

■ 133.6960, 6.9680,
5.8800

■ 87.2140, 38.6450,
32.0290

■ 142.7120, 0.8710,
0.7350

■ 77.6110, 45.0170,
37.6970

■ 152.3150, -5.5010,
-4.9330

■ 68.4810, 51.4350,
42.5310

■ 161.4450,
-11.9190, -9.7670

■ 59.4650, 57.5320,
47.6760


■ 170.4610,
-18.0160, -14.9120

■ 51.0360, 63.3540,
52.2980

■ 180.1780,
-24.7090, -20.2690

■ 189.1940,

-30.8060, -25.4140

 198.7970,
-37.1780, -31.0820

Harmonies

Analogous

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



115.0520, 3.3900, 15.6620



114.9630, 19.7580, 16.3820



114.0040, 29.7080, 12.2680

Triad

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



114.9630, 19.7580, 16.3820



109.6680, 12.1980, -11.8180



103.3180, -45.1140, -8.3940

Complementary

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



114.9630, 19.7580, 16.3820



128.0370, -19.7580, -16.3820

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.



101.6680, -40.5280, -14.4160



114.9630, 19.7580, 16.3820



107.4640, -4.9030, -15.7750

Square

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



114.9630, 19.7580, 16.3820



111.8270, 25.1720, -4.6520



104.5850, -24.2970, -16.7210



107.6880, -34.1120, 1.4720

Rectangle

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



114.9630, 19.7580, 16.3820



113.2120, 31.8180, 7.0660



104.5850, -24.2970, -16.7210



101.8510, -45.2970, -10.5850

Sweetspot

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



114.9630, 19.7580, 16.3820



175.1090, 7.2430, 6.4030



111.0070, -0.7370, 18.8710



87.5600, 4.3550, 3.6750



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.



114.9630, 19.7580, 16.3820



140.2190, 31.0810, 25.9370



112.4550, 26.8200, 9.5400



66.5490, 2.8880, 2.7280



47.8890, 59.2740, 49.1460



2.8480, 3.4840, 2.9400

Inverse Universe

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



114.9630, 19.7580, 16.3820



140.2190, 31.0810, 25.9370



130.5450, -26.8200, -9.5400



66.5490, 2.8880, 2.7280



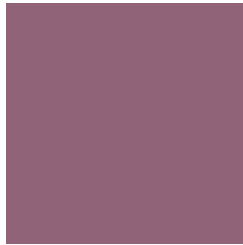
47.8890, 59.2740, 49.1460



2.8480, 3.4840, 2.9400

Previews

White Background



This preview shows how the YIQ color 114.9630, 19.7580, 16.3820 looks on a white background.

Color Contrast Check

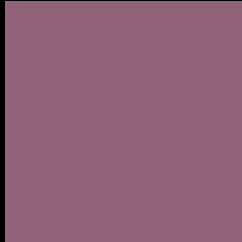
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.9630, 19.7580, 16.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

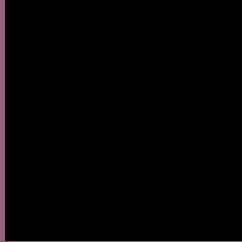
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.9630, 19.7580, 16.3820

Background



This preview shows how black text looks on a background with the YIQ color 114.9630, 19.7580, 16.3820.



This preview shows how white text looks on a background with the YIQ color 114.9630, 19.7580,

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

114.9630, 19.7580, 16.3820

Protanopia

113.0410, -7.2450, 4.6510

Deuteranopia

113.4290, 3.3460, 5.4420



Tritanopia

114.4700, 22.4640, 11.3920

Trichromacy



Original Color

114.9630, 19.7580, 16.3820

Protanomaly

113.6510, 2.8410, 9.0890

Deuteranomaly

113.8860, 9.4890, 9.7530

Tritanomaly

114.3390, 21.4550, 13.1590

Monochromacy



Original Color

114.9630, 19.7580, 16.3820

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9950, 7.5640, 6.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9630, 19.7580, 16.3820 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(144, 99, 121)` looks like.

```
.text, #text, p{  
    color:rgb(144, 99, 121)  
}
```

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(144, 99, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 99, 121) }
```

Border

The CSS property to change the border of an element to YIQ 114.9630, 19.7580, 16.3820 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(144, 99, 121) }
```


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

```
.border{ border-color:rgb(144, 99, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 99, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 99, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 99, 121);  
box-shadow:4px 4px 4px 4px rgb(144, 99,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9630, 19.7580, 16.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 99, 121) }
```

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

```
.background{ background-color: rgb(144, 99,  
121) }
```

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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