

Converting Colors

YIQ(123.6390, 29.4780, 16.4380)

Have a look what the booklet for
YIQ(123.6390, 29.4780, 16.4380)
contains.

YIQ(123.6390, 29.4780, 16.4380)	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(123.6390, 29.4780,
16.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	A26977
RGB	162, 105, 119
RGB Percent	64%, 41%, 47%
CMY	0.3646, 0.5883, 0.5332
CMYK	0.00, 0.35, 0.27, 0.36
HSL	345°, 23%, 52%
HSV	345°, 35%, 64%
XYZ	23.2883, 19.1161, 19.9236
YIQ	123.6390, 29.4780, 16.4380

Conversions

Conversions Part 2

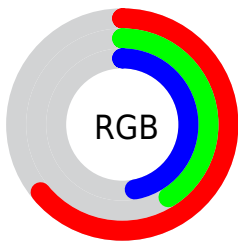
Format	Color
R_{YB}	162, 105, 119
Decimal	10643831
CIE _{Lab}	50.82, 24.85, 1.67
CIE _{LCh}	51, 24.901, 3.839
Yxy	19.1161, 0.3736, 0.3067
Android (android.graphics.Color)	4288833911 (0xFFA26977)
YUV	123.6390, -2.2870, 33.6426
Hunter-Lab	43.7219, 18.5639, 3.5875

Details

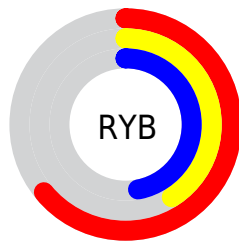
The YIQ color **123.6390, 29.4780, 16.4380** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **143.3610, -29.4780, -16.4380**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.8350, 31.8620, 17.2860**, and **74.1440, 26.4980, 15.3780** is the 20% darker color. If you saturate the color by 10%, you get **112.8790, 37.7300, 21.0740**, and if you desaturate by 10%, it is **134.3990, 21.2260, 11.8020**.

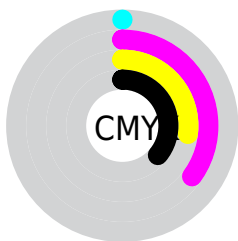
Distribution



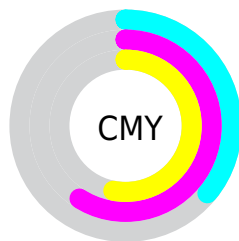
- Red (64%)
- Green (41%)
- Blue (47%)



- Red (64%)
- Yellow (41%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (27%)
- Black (36%)



- Cyan (36%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.6390, 29.4780, 16.4380 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 123.6390, 29.4780, 16.4380 by changing the saturation by 10% instead.

■ 123.6390, 29.4780,
16.4380

■ 123.6390, 29.4780,
16.4380

■ 255.0000, -0.0000,
-0.0000

■ 98.0410, 28.2860,
16.0140

■ 176.8350, 31.8620,
17.2860

■ 74.1440, 26.4980,
15.3780

■ 204.4330, 33.0540,
17.7100

■ 50.2470, 24.7100,
14.7420

■ 226.4530, 21.1340,
13.4700

■ 27.2900, 23.1510,
15.4630

■ 246.1950, 4.1250,
7.8450

■ 12.0740, 23.5190,
8.7910

■ 0.0000, 0.0000,
0.0000

123.6390, 29.4780,
16.4380

123.6390, 29.4780,
16.4380

112.8790, 37.7300,
21.0740

134.3990, 21.2260,
11.8020

102.1190, 45.9820,
25.7100

145.1590, 12.9740,
7.1660

90.6580, 54.8300,
30.5580

156.6200, 4.1260,
2.3180

79.8980, 63.0820,
35.1940

167.3800, -4.1260,
-2.3180

69.1380, 71.3340,
39.8300

178.1400,
-12.3780, -6.9540

58.3780, 79.5860,
44.4660


188.9000,
-20.6300, -11.5900

52.9980, 83.7120,
46.7840

199.7740,
-29.2030, -15.9150

211.1210,

-37.7300, -21.0740

 221.8810,
-45.9820, -25.7100

Harmonies

Analogous

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



124.2060, 14.7600, 18.8560



123.6390, 29.4780, 16.4380



122.4190, 35.6690, 8.8610

Triad

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



123.6390, 29.4780, 16.4380



117.1290, 3.3500, -16.6660



112.6970, -47.4990, -3.7150

Complementary

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



123.6390, 29.4780, 16.4380



143.3610, -29.4780, -16.4380

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.



108.5510, -53.3200, -13.8640



123.6390, 29.4780, 16.4380



113.9400, -18.1070, -18.7710

Square

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



123.6390, 29.4780, 16.4380



119.6860, 20.9550, -10.8290



110.3320, -39.7020, -18.3740



119.1990, -28.0610, 7.4510

Rectangle

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



123.6390, 29.4780, 16.4380



121.8330, 34.2030, 2.3870



110.3320, -39.7020, -18.3740



111.0230, -51.5330, -7.7010

Sweetspot

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



123.6390, 29.4780, 16.4380



195.8600, 12.3780, 6.9540



124.3550, 7.3310, 26.8430



97.6420, 7.0600, 4.2120



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



123.6390, 29.4780, 16.4380



152.1190, 45.9820, 25.7100



130.2610, 30.1220, 4.7620



75.9190, 4.7220, 2.5300



47.4590, 74.8640, 41.9360



5.8380, 9.4440, 5.0600

Inverse Universe

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



123.6390, 29.4780, 16.4380



152.1190, 45.9820, 25.7100



136.7390, -30.1220, -4.7620



75.9190, 4.7220, 2.5300



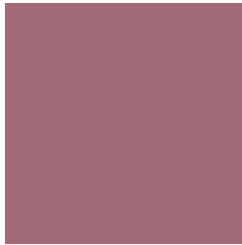
47.4590, 74.8640, 41.9360



5.8380, 9.4440, 5.0600

Previews

White Background



This preview shows how the YIQ color 123.6390, 29.4780, 16.4380 looks on a white background.

Color Contrast Check

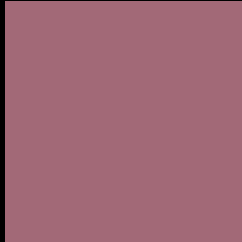
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 123.6390, 29.4780, 16.4380 looks on a black 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

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

YIQ 123.6390, 29.4780, 16.4380

Background



This preview shows how black text looks on a background with the YIQ color 123.6390, 29.4780, 16.4380.



This preview shows how white text looks on a background with the YIQ color 123.6390, 29.4780,

16.4380.

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

123.6390, 29.4780, 16.4380

Protanopia

122.0970, -1.6510, 2.3890

Deuteranopia

122.3820, 10.7280, 3.8160



Tritanopia

123.6560, 30.8080, 14.3600

Trichromacy



Original Color

123.6390, 29.4780, 16.4380

Protanomaly

122.7180, 9.9020, 7.7740

Deuteranomaly

123.1380, 17.4670, 8.3390

Tritanomaly

123.8840, 30.1660, 14.9820

Monochromacy



Original Color

123.6390, 29.4780, 16.4380

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.8490, 10.9110, 6.0070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.6390, 29.4780, 16.4380 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(162, 105, 119)` looks like.

```
.text, #text, p{  
    color:rgb(162, 105, 119)  
}
```

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(162, 105, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 105, 119) }
```

Border

The CSS property to change the border of an element to YIQ 123.6390, 29.4780, 16.4380 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(162, 105, 119) }
```


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

```
.border{ border-color:rgb(162, 105, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 105, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 105, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 105, 119);  
box-shadow:4px 4px 4px 4px rgb(162, 105,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 123.6390, 29.4780, 16.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 105, 119) }
```

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

```
.background{ background-color: rgb(162,  
105, 119) }
```

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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