

Converting Colors

YIQ(123.1690, 16.1820, 15.1100)

Have a look what the booklet for
YIQ(123.1690, 16.1820, 15.1100)
contains.

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Color

**YIQ(123.1690, 16.1820,
15.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	946D83
RGB	148, 109, 131
RGB Percent	58%, 43%, 51%
CMY	0.4195, 0.5726, 0.4862
CMYK	0.00, 0.26, 0.11, 0.42
HSL	326°, 15%, 50%
HSV	326°, 26%, 58%
XYZ	21.7821, 18.8712, 23.9715
YIQ	123.1690, 16.1820, 15.1100

Conversions

Conversions Part 2

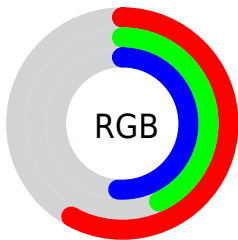
Format	Color
R_{YB}	148, 109, 131
Decimal	9727363
CIE Lab	50.54, 19.18, -6.05
CIE LCh	51, 20.115, 342.503
Yxy	18.8712, 0.3371, 0.2920
Android (android.graphics.Color)	4287917443 (0xFF946D83)
YUV	123.1690, 3.8607, 21.7768
Hunter-Lab	43.4410, 13.4812, -2.3085

Details

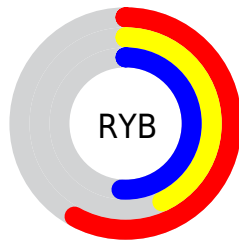
The YIQ color $123.1690, 16.1820, 15.1100$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $133.8310, -16.1820, -15.1100$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.1800, 17.6490, 16.0570$, and $74.1580, 14.7150, 14.1630$ is the 20% darker color. If you saturate the color by 10%, you get $113.6800, 22.2330, 21.0890$, and if you desaturate by 10%, it is $132.6580, 10.1310, 9.1310$.

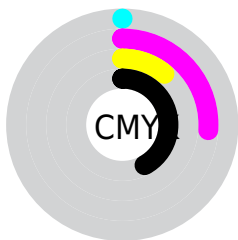
Distribution



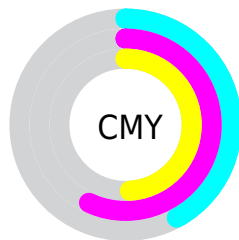
- Red (58%)
- Green (43%)
- Blue (51%)



- Red (58%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (26%)
- Yellow (11%)
- Black (42%)



- Cyan (42%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.1690, 16.1820, 15.1100 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 123.1690, 16.1820, 15.1100 by changing the saturation by 10% instead.

■ 123.1690, 16.1820,
15.1100

■ 123.1690, 16.1820,
15.1100

■ 255.0000, -0.0000,
-0.0000

■ 97.8700, 15.5860,
14.8980

■ 176.1800, 17.6490,
16.0570

■ 74.1580, 14.7150,
14.1630

■ 203.5930, 17.9240,
16.5800

■ 51.1470, 13.2480,
13.2160

■ 230.3970, 15.5400,
15.7320

■ 28.8480, 12.6520,
13.0040

■ 248.5430, 3.0250,
5.7530

■ 11.0930, 13.3400,
11.5480

■ 0.0000, 0.0000,
0.0000

123.1690, 16.1820,
15.1100

123.1690, 16.1820,
15.1100

113.6800, 22.2330,
21.0890

132.6580, 10.1310,
9.1310

104.0770, 28.6050,
26.7570

142.2610, 3.7590,
3.4630

95.1750, 34.3810,
32.2130

151.1630, -2.0170,
-1.9930

85.5720, 40.7530,
37.8810

160.7660, -8.3890,
-7.6610

76.0830, 46.8040,
43.8600

170.2550,
-14.4400, -13.6400

66.4800, 53.1760,
49.5280

179.8580,
-20.8120, -19.3080

56.9910, 59.2270,
55.5070


189.3470,
-26.8630, -25.2870

53.8280, 61.2440,

198.3630,

57.5000

-32.9600, -30.4320

 207.8520,
-39.0110, -36.4110

Harmonies

Analogous

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



122.4430, 0.7310, 14.2910



123.1690, 16.1820, 15.1100



122.7370, 26.0860, 11.8300

Triad

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



123.1690, 16.1820, 15.1100



118.3200, 13.2980, -9.7260



113.2540, -39.0620, -7.9420

Complementary

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



123.1690, 16.1820, 15.1100



133.8310, -16.1820, -15.1100

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.



112.3160, -33.6050, -13.2290



123.1690, 16.1820, 15.1100



116.4860, -1.9690, -13.8810

Square

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



123.1690, 16.1820, 15.1100



120.5820, 24.4840, -3.1960



114.1620, -18.6120, -15.1240



116.4170, -31.9110, 0.1290

Rectangle

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



123.1690, 16.1820, 15.1100



121.7710, 28.7460, 7.6740



114.1620, -18.6120, -15.1240



112.0860, -38.6490, -9.9210

Sweetspot

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



123.1690, 16.1820, 15.1100



181.5110, 6.0510, 5.9790



118.5290, -2.3870, 15.7330



90.6740, 4.0340, 3.9860



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



123.1690, 16.1820, 15.1100



152.2290, 25.1210, 23.8170



121.0030, 22.2810, 9.2010



69.5490, 2.8880, 2.7280



50.1540, 57.2100, 53.5140



3.6740, 4.0340, 3.9860

Inverse Universe

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



123.1690, 16.1820, 15.1100



152.2290, 25.1210, 23.8170



135.9970, -22.2810, -9.2010



69.5490, 2.8880, 2.7280



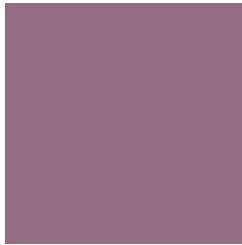
50.1540, 57.2100, 53.5140



3.6740, 4.0340, 3.9860

Previews

White Background



This preview shows how the YIQ color 123.1690, 16.1820, 15.1100 looks on a white background.

Color Contrast Check

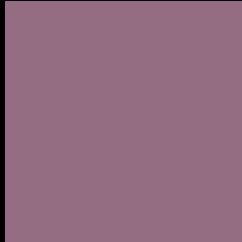
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.1690, 16.1820, 15.1100 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 123.1690, 16.1820, 15.1100

Background



This preview shows how black text looks on a background with the YIQ color 123.1690, 16.1820, 15.1100.



This preview shows how white text looks on a background with the YIQ color 123.1690, 16.1820,

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

123.1690, 16.1820, 15.1100

Protanopia

121.4540, -6.9700, 5.1740

Deuteranopia

121.6570, 2.7040, 6.0640



Tritanopia

122.7900, 18.5670, 10.4310

Trichromacy



Original Color

123.1690, 16.1820, 15.1100

Protanomaly

122.0530, 1.6490, 8.6650

Deuteranomaly

122.1030, 7.3800, 9.4280

Tritanomaly

122.6590, 17.5580, 12.1980

Monochromacy



Original Color

123.1690, 16.1820, 15.1100

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0980, 5.7760, 5.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.1690, 16.1820, 15.1100 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(148, 109, 131)` looks like.

```
.text, #text, p{  
    color:rgb(148, 109, 131)  
}
```

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(148, 109, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 109, 131) }
```

Border

The CSS property to change the border of an element to YIQ 123.1690, 16.1820, 15.1100 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(148, 109, 131) }
```


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

```
.border{ border-color:rgb(148, 109, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 109, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 109, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 109, 131);  
box-shadow:4px 4px 4px 4px rgb(148, 109,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 123.1690, 16.1820, 15.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 109, 131) }
```

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

```
.background{ background-color: rgb(148,  
109, 131) }
```

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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