

Converting Colors

YIQ(119.8010, 12.0070, 30.2070)

Have a look what the booklet for
YIQ(119.8010, 12.0070, 30.2070)
contains.

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Color

**YIQ(119.8010, 12.0070,
30.2070)**

Conversions

Conversions Part 1

Format	Color
Hex	96619E
RGB	150, 97, 158
RGB Percent	59%, 38%, 62%
CMY	0.4116, 0.6197, 0.3804
CMYK	0.05, 0.39, 0.00, 0.38
HSL	292°, 24%, 50%
HSV	292°, 39%, 62%
XYZ	23.0296, 17.5019, 34.5122
YIQ	119.8010, 12.0070, 30.2070

Conversions

Conversions Part 2

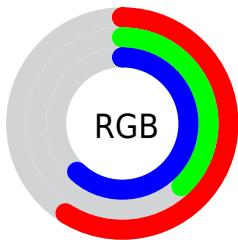
Format	Color
R_{YB}	150, 97, 158
Decimal	9855390
CIE _{Lab}	48.89, 32.03, -24.49
CIE _{LCh}	49, 40.320, 322.596
Yxy	17.5019, 0.3069, 0.2332
Android (android.graphics.Color)	4288045470 (0xFF96619E)
YUV	119.8010, 18.8321, 26.4845
Hunter-Lab	41.8353, 25.0493, -19.6268

Details

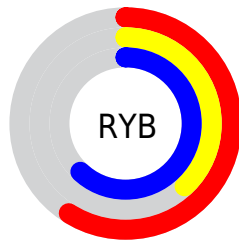
The YIQ color **119.8010, 12.0070, 30.2070** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.1990, -12.0070, -30.2070**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.0400, 12.8320, 31.7760**, and **70.1490, 10.9070, 28.1150** is the 20% darker color. If you saturate the color by 10%, you get **109.8110, 15.2150, 38.1510**, and if you desaturate by 10%, it is **129.7910, 8.7990, 22.2630**.

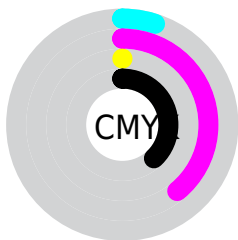
Distribution



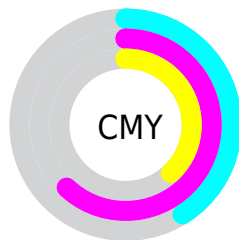
- Red (59%)
- Green (38%)
- Blue (62%)



- Red (59%)
- Yellow (38%)
- Blue (62%)



- Cyan (5%)
- Magenta (39%)
- Yellow (0%)
- Black (38%)



- Cyan (41%)
- Magenta (62%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.8010, 12.0070, 30.2070 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 119.8010, 12.0070, 30.2070 by changing the saturation by 10% instead.

■ 119.8010, 12.0070,
30.2070

■ 119.8010, 12.0070,
30.2070

■ 255.0000, -0.0000,
-0.0000

■ 94.3880, 11.7320,
29.6840

■ 173.0400, 12.8320,
31.7760

■ 70.1490, 10.9070,
28.1150

■ 200.7520, 13.7030,
32.5110

■ 45.8500, 10.3110,
27.9030

■ 224.4760, 14.3000,
27.1960

■ 21.9640, 9.9900,
28.2140

■ 241.4990, 6.3250,
12.0290

■ 13.1880, 6.0030,
17.8670

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,

0.0000

■ 119.8010, 12.0070,
30.2070

■ 119.8010, 12.0070,
30.2070

■ 109.8110, 15.2150,
38.1510

■ 129.7910, 8.7990,
22.2630

■ 99.8210, 18.4230,
46.0950

■ 139.7810, 5.5910,
14.3190

■ 90.4180, 21.3560,
53.5160

■ 149.1840, 2.6580,
6.8980

■ 80.4280, 24.5640,
61.4600

■ 159.1740, -0.5500,
-1.0460

■ 70.4380, 27.7720,
69.4040

■ 169.1640, -3.7580,
-8.9900

■ 60.4480, 30.9800,
77.3480

■ 179.1540, -6.9660,
-16.9340

■ 58.9750, 30.9340,
78.1820

■ 189.1440,
-10.1740, -24.8780

■ 198.8460,
-12.5110, -32.0870

■ 208.8360,
-15.7190, -40.0310

Harmonies

Analogous

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



116.6590, -26.0000, 19.6640



119.8010, 12.0070, 30.2070



118.3450, 39.6540, 30.2620

Triad

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



119.8010, 12.0070, 30.2070



113.1580, 39.9370, -13.4310



94.1450, -81.8360, -25.7080

Complementary

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



119.8010, 12.0070, 30.2070



135.1990, -12.0070, -30.2070

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.



90.1550, -70.6010, -36.5930



119.8010, 12.0070, 30.2070



110.2040, 15.9600, -24.9360

Square

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



119.8010, 12.0070, 30.2070



115.5270, 52.6800, 3.4320



104.6760, -17.7840, -30.1360



95.6900, -90.3200, -15.1200

Rectangle

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



119.8010, 12.0070, 30.2070



116.6310, 50.2920, 24.6920



104.6760, -17.7840, -30.1360



92.8910, -78.3050, -29.1290

Sweetspot

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



119.8010, 12.0070, 30.2070



191.1290, 4.4910, 12.2270



108.6500, -21.7810, 14.7870



95.5970, 2.9330, 7.4210



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



119.8010, 12.0070, 30.2070



147.3480, 18.3770, 46.9290



119.6850, 23.8370, 25.0610



74.0050, 1.6040, 3.9720



53.3780, 28.0010, 70.7610



5.5970, 2.9330, 7.4210

Inverse Universe

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



116.1510, 33.7880, 15.4200



141.7730, 52.7680, 23.8720



135.3150, -23.8370, -25.0610



73.5060, 4.4470, 2.0070



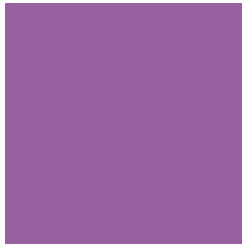
44.9230, 79.1290, 36.2250



4.7130, 8.2980, 3.8020

Previews

White Background



This preview shows how the YIQ color 119.8010, 12.0070, 30.2070 looks on a white background.

Color Contrast Check

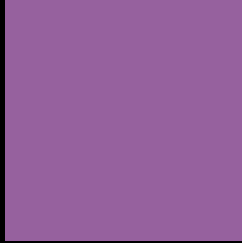
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.8010, 12.0070, 30.2070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

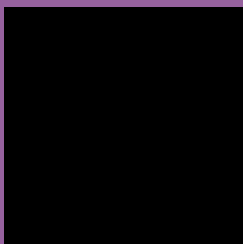
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.8010, 12.0070, 30.2070

Background



This preview shows how black text looks on a background with the YIQ color 119.8010, 12.0070, 30.2070.



This preview shows how white text looks on a background with the YIQ color 119.8010, 12.0070,

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

119.8010, 12.0070, 30.2070

Protanopia

116.1160, -29.0250, 13.9110

Deuteranopia

117.1680, -17.6080, 10.7440



Tritanopia

118.2740, 20.0800, 10.5440

Trichromacy



Original Color

119.8010, 12.0070, 30.2070

Protanomaly

117.1180, -14.1710, 20.0450

Deuteranomaly

117.9570, -6.4680, 18.1080

Tritanomaly

118.9350, 16.9610, 17.5130

Monochromacy



Original Color

119.8010, 12.0070, 30.2070

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1890, 4.2620, 10.8700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8010, 12.0070, 30.2070 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(150, 97, 158)` looks like.

```
.text, #text, p{  
    color:rgb(150, 97, 158)  
}
```

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(150, 97, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 97, 158) }
```

Border

The CSS property to change the border of an element to YIQ 119.8010, 12.0070, 30.2070 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(150, 97, 158) }
```


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

```
.border{ border-color:rgb(150, 97, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 97, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 97, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 97, 158);  
box-shadow:4px 4px 4px 4px rgb(150, 97,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8010, 12.0070, 30.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 97, 158) }
```

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

```
.background{ background-color: rgb(150, 97,  
158) }
```

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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