

Converting Colors

YIQ(119.0190, 17.3250, 32.9490)

Have a look what the booklet for
YIQ(119.0190, 17.3250, 32.9490)
contains.

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Color

**YIQ(119.0190, 17.3250,
32.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5D9C
RGB	156, 93, 156
RGB Percent	61%, 36%, 61%
CMY	0.3880, 0.6354, 0.3882
CMYK	0.00, 0.40, 0.00, 0.39
HSL	300°, 25%, 49%
HSV	300°, 40%, 61%
XYZ	23.6329, 17.2973, 33.5479
YIQ	119.0190, 17.3250, 32.9490

Conversions

Conversions Part 2

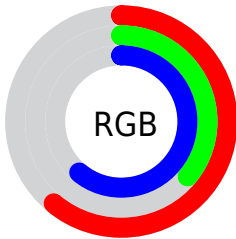
Format	Color
R_{YB}	156, 93, 156
Decimal	10247580
CIE _{Lab}	48.63, 35.82, -23.65
CIE _{LCh}	49, 42.923, 326.570
Yxy	17.2973, 0.3173, 0.2322
Android (android.graphics.Color)	4288437660 (0xFF9C5D9C)
YUV	119.0190, 18.2316, 32.4323
Hunter-Lab	41.5900, 28.6473, -18.7123

Details

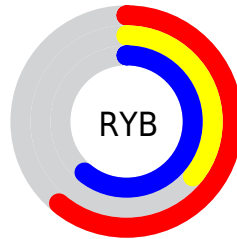
The YIQ color **119.0190, 17.3250, 32.9490** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.9810, -17.3250, -32.9490**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5570, 18.7460, 34.7300**, and **68.5950, 15.5830, 31.4790** is the 20% darker color. If you saturate the color by 10%, you get **109.6270, 21.7250, 41.3170**, and if you desaturate by 10%, it is **128.4110, 12.9250, 24.5810**.

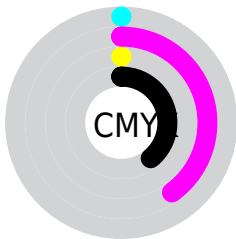
Distribution



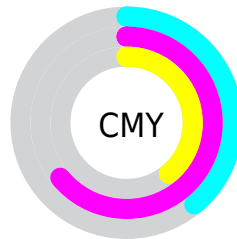
- Red (61%)
- Green (36%)
- Blue (61%)



- Red (61%)
- Yellow (36%)
- Blue (61%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (39%)





- Cyan (39%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.0190, 17.3250, 32.9490 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 119.0190, 17.3250, 32.9490 by changing the saturation by 10% instead.


 119.0190, 17.3250,
32.9490


 119.0190, 17.3250,
32.9490


255.0000, -0.0000,
-0.0000


 93.3070, 16.4540,
32.2140


 172.5570, 18.7460,
34.7300


 68.5950, 15.5830,
31.4790


 200.2690, 19.6170,
35.4650


 43.5950, 15.5830,
31.4790

 222.7150, 15.1250,
28.7650

 22.3450, 13.2910,
28.9630

 239.1510, 7.4250,
14.1210

 14.1560, 9.0290,
18.0930

 1.1400, -3.2100,
3.1100

 0.0000, 0.0000,

0.0000

■ 119.0190, 17.3250,
32.9490

■ 119.0190, 17.3250,
32.9490

■ 109.6270, 21.7250,
41.3170

■ 128.4110, 12.9250,
24.5810

■ 100.8220, 25.8500,
49.1620

■ 137.2160, 8.8000,
16.7360

■ 91.4300, 30.2500,
57.5300

■ 146.6080, 4.4000,
8.3680

■ 82.6250, 34.3750,
65.3750

■ 155.4130, 0.2750,
0.5230

■ 73.2330, 38.7750,
73.7430

■ 164.8050, -4.1250,
-7.8450

■ 64.4280, 42.9000,
81.5880

■ 174.1970, -8.5250,
-16.2130

■ 183.0020,
-12.6500, -24.0580

■ 192.3940,
-17.0500, -32.4260

■ 201.1990,
-21.1750, -40.2710

Harmonies

Analogous

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



116.9200, -22.2410, 23.1270



119.0190, 17.3250, 32.9490



116.6230, 44.7430, 31.6470

Triad

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



119.0190, 17.3250, 32.9490



111.7510, 39.5250, -16.9790



94.8290, -83.7620, -23.8420

Complementary

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



119.0190, 17.3250, 32.9490



129.9810, -17.3250, -32.9490

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.



90.6110, -71.8850, -35.3490



119.0190, 17.3250, 32.9490



108.6550, 13.0720, -27.6640

Square

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



119.0190, 17.3250, 32.9490



114.3160, 54.6520, 0.7320



101.7890, -25.5320, -32.8920



95.6730, -91.6500, -13.0420

Rectangle

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



119.0190, 17.3250, 32.9490



115.0830, 54.8310, 25.0310



101.7890, -25.5320, -32.8920



94.0480, -80.1850, -28.0970

Sweetspot

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



119.0190, 17.3250, 32.9490



189.9120, 6.6000, 12.5520



100.1820, -20.2230, 19.5930



93.7820, 3.8500, 7.3220



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



119.0190, 17.3250, 32.9490



145.3000, 27.5000, 52.3000



115.4850, 27.2760, 23.3080



74.3040, 2.2000, 4.1840



59.0590, 39.3250, 74.7890



6.1950, 4.1250, 7.8450

Inverse Universe

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



119.0190, 17.3250, 32.9490



145.3000, 27.5000, 52.3000



133.6290, -27.5970, -22.9970



74.3040, 2.2000, 4.1840



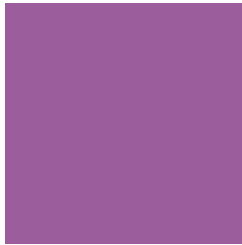
59.0590, 39.3250, 74.7890



6.1950, 4.1250, 7.8450

Previews

White Background



This preview shows how the YIQ color 119.0190, 17.3250, 32.9490 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 119.0190, 17.3250, 32.9490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

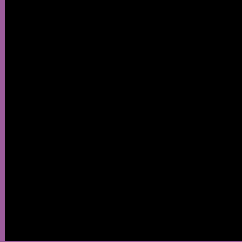
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 119.0190, 17.3250, 32.9490

Background



This preview shows how black text looks on a background with the YIQ color 119.0190, 17.3250, 32.9490.



This preview shows how white text looks on a background with the YIQ color 119.0190, 17.3250,

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

119.0190, 17.3250, 32.9490

Protanopia

115.3440, -29.6670, 14.5330

Deuteranopia

116.2390, -16.3700, 10.3340



Tritanopia

117.9650, 25.4440, 12.4520

Trichromacy



Original Color

119.0190, 17.3250, 32.9490

Protanomaly

116.5420, -12.4290, 21.5150

Deuteranomaly

117.0390, -3.7630, 18.6450

Tritanomaly

118.0390, 22.6000, 19.9440

Monochromacy



Original Color

119.0190, 17.3250, 32.9490

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.0860, 6.0500, 11.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0190, 17.3250, 32.9490 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(156, 93, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 93, 156)  
}
```

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(156, 93, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 93, 156) }
```

Border

The CSS property to change the border of an element to YIQ 119.0190, 17.3250, 32.9490 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(156, 93, 156) }
```


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

```
.border{ border-color:rgb(156, 93, 156) }
```

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

Here you see how a box with a 4 pixel rgb(156, 93, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 93, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 93, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 93,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0190, 17.3250, 32.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 93, 156) }
```

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

```
.background{ background-color: rgb(156, 93,  
156) }
```

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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