

Converting Colors

YIQ(117.3830, 19.2960, 35.7760)

Have a look what the booklet for
YIQ(117.3830, 19.2960, 35.7760)
contains.

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Color

**YIQ(117.3830, 19.2960,
35.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	9E599D
RGB	158, 89, 157
RGB Percent	62%, 35%, 62%
CMY	0.3802, 0.6511, 0.3843
CMYK	0.00, 0.44, 0.01, 0.38
HSL	301°, 28%, 48%
HSV	301°, 44%, 62%
XYZ	23.7672, 16.8489, 33.9005
YIQ	117.3830, 19.2960, 35.7760

Conversions

Conversions Part 2

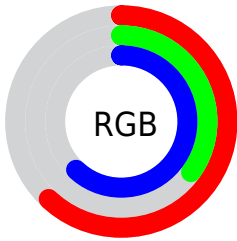
Format	Color
R _{YB}	158, 89, 157
Decimal	10377629
CIE _{Lab}	48.07, 38.84, -25.09
CIE _{LCh}	48, 46.243, 327.141
Yxy	16.8489, 0.3190, 0.2261
Android (android.graphics.Color)	4288567709 (0xFF9E599D)
YUV	117.3830, 19.5312, 35.6211
Hunter-Lab	41.0475, 31.5217, -20.2336

Details

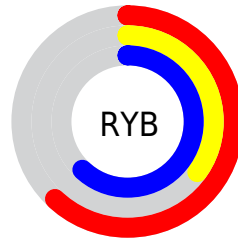
The YIQ color **117.3830, 19.2960, 35.7760** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.6170, -19.2960, -35.7760**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9210, 20.7170, 37.5570**, and **66.2580, 18.1500, 34.5180** is the 20% darker color. If you saturate the color by 10%, you get **107.9910, 23.6960, 44.1440**, and if you desaturate by 10%, it is **126.7750, 14.8960, 27.4080**.

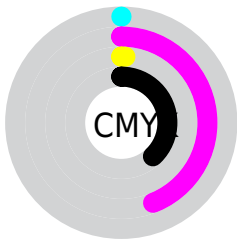
Distribution



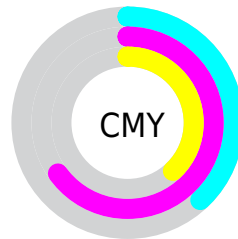
- Red (62%)
- Green (35%)
- Blue (62%)



- Red (62%)
- Yellow (35%)
- Blue (62%)



- Cyan (0%)
- Magenta (44%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.3830, 19.2960, 35.7760 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 117.3830, 19.2960, 35.7760 by changing the saturation by 10% instead.

■ 117.3830, 19.2960,
35.7760

■ 117.3830, 19.2960,
35.7760

255.0000, -0.0000,
-0.0000

■ 91.6710, 18.4250,
35.0410

■ 170.9210, 20.7170,
37.5570

■ 66.2580, 18.1500,
34.5180

■ 198.6330, 21.5880,
38.2920

■ 39.8990, 17.7830,
35.6630

■ 220.3670, 16.2250,
30.8570

■ 23.0570, 14.1620,
29.6980

■ 236.8030, 8.5250,
16.2130

■ 14.2700, 8.7080,
18.4040

253.8260, 0.5500,
1.0460

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,

0.0000

■ 117.3830, 19.2960,
35.7760

■ 117.3830, 19.2960,
35.7760

■ 107.9910, 23.6960,
44.1440

■ 126.7750, 14.8960,
27.4080

■ 98.5990, 28.0960,
52.5120

■ 136.1670, 10.4960,
19.0400

■ 89.6800, 32.5420,
60.0460

■ 145.0860, 6.0500,
11.5060

■ 80.2880, 36.9420,
68.4140

■ 154.4780, 1.6500,
3.1380

■ 70.8960, 41.3420,
76.7820

■ 163.8700, -2.7500,
-5.2300

■ 65.0260, 44.0920,
82.0120

■ 173.2620, -7.1500,
-13.5980

■ 182.7680,
-11.8710, -21.6550

■ 191.5730,
-15.9960, -29.5000

■ 200.9650,
-20.3960, -37.8680

Harmonies

Analogous

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



115.2020, -22.9750, 25.4170



117.3830, 19.2960, 35.7760



114.3570, 48.5480, 34.2760

Triad

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



117.3830, 19.2960, 35.7760



109.8390, 42.0930, -19.4670



95.0570, -84.4040, -23.2200

Complementary

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



117.3830, 19.2960, 35.7760



129.6170, -19.2960, -35.7760

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.



90.4970, -71.5640, -35.6600



117.3830, 19.2960, 35.7760



105.9600, 13.5310, -30.4770

Square

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



117.3830, 19.2960, 35.7760



112.0560, 58.3200, 0.3360



97.7560, -29.9330, -35.7330



96.1290, -92.9340, -11.7980

Rectangle

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



117.3830, 19.2960, 35.7760



112.5890, 59.2780, 27.0380



97.7560, -29.9330, -35.7330



93.5750, -80.2310, -27.2630

Sweetspot

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



117.3830, 19.2960, 35.7760



191.0370, 7.7460, 13.8100



96.8660, -22.1490, 21.4590



94.9070, 4.9960, 8.5800



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.



117.3830, 19.2960, 35.7760



143.3760, 30.3420, 55.8620



113.6210, 29.8890, 25.5130



74.3040, 2.2000, 4.1840



58.8310, 39.9670, 74.1670



6.1950, 4.1250, 7.8450

Inverse Universe

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



117.3830, 19.2960, 35.7760



143.3760, 30.3420, 55.8620



133.4930, -30.2100, -25.2020



74.3040, 2.2000, 4.1840



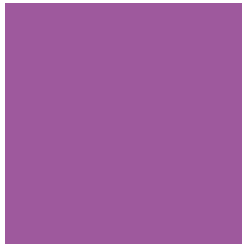
58.8310, 39.9670, 74.1670



6.1950, 4.1250, 7.8450

Previews

White Background



This preview shows how the YIQ color 117.3830, 19.2960, 35.7760 looks on a white background.

Color Contrast Check

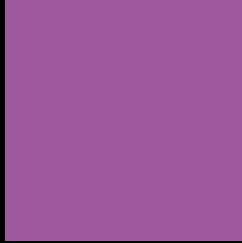
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.3830, 19.2960, 35.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

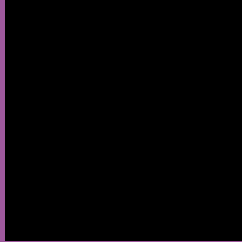
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.3830, 19.2960, 35.7760

Background



This preview shows how black text looks on a background with the YIQ color 117.3830, 19.2960, 35.7760.



This preview shows how white text looks on a background with the YIQ color 117.3830, 19.2960,

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

117.3830, 19.2960, 35.7760

Protanopia

113.3160, -32.4640, 15.6640

Deuteranopia

115.1680, -17.6080, 10.7440



Tritanopia

116.4600, 28.4240, 13.5120

Trichromacy



Original Color

117.3830, 19.2960, 35.7760

Protanomaly

114.9980, -13.7130, 22.7590

Deuteranomaly

115.6800, -4.1300, 19.7900

Tritanomaly

116.7620, 24.9380, 21.6260

Monochromacy



Original Color

117.3830, 19.2960, 35.7760

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.3250, 6.8750, 13.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.3830, 19.2960, 35.7760 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(158, 89, 157)` looks like.

```
.text, #text, p{  
    color:rgb(158, 89, 157)  
}
```

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(158, 89, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 89, 157) }
```

Border

The CSS property to change the border of an element to YIQ 117.3830, 19.2960, 35.7760 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(158, 89, 157) }
```


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

```
.border{ border-color:rgb(158, 89, 157) }
```

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

Here you see how a box with a 4 pixel rgb(158, 89, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 89, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 89, 157);  
box-shadow:4px 4px 4px 4px rgb(158, 89,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 117.3830, 19.2960, 35.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 89, 157) }
```

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

```
.background{ background-color: rgb(158, 89,  
157) }
```

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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