

Converting Colors

YIQ(117.1550, 19.9380, 35.1540)

Have a look what the booklet for
YIQ(117.1550, 19.9380, 35.1540)
contains.

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Color

**YIQ(117.1550, 19.9380,
35.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	9E599B
RGB	158, 89, 155
RGB Percent	62%, 35%, 61%
CMY	0.3802, 0.6511, 0.3921
CMYK	0.00, 0.44, 0.02, 0.38
HSL	303°, 28%, 48%
HSV	303°, 44%, 62%
XYZ	23.5978, 16.7812, 33.0088
YIQ	117.1550, 19.9380, 35.1540

Conversions

Conversions Part 2

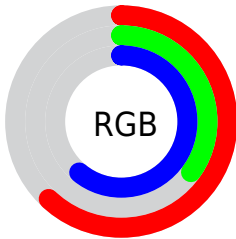
Format	Color
R_{YB}	158, 89, 155
Decimal	10377627
CIE _{Lab}	47.98, 38.46, -24.04
CIE _{LCh}	48, 45.359, 327.996
Yxy	16.7812, 0.3215, 0.2287
Android (android.graphics.Color)	4288567707 (0xFF9E599B)
YUV	117.1550, 18.6576, 35.8211
Hunter-Lab	40.9648, 31.1366, -19.0996

Details

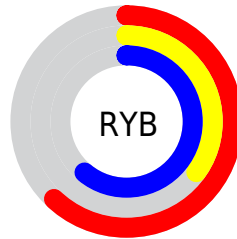
The YIQ color **117.1550, 19.9380, 35.1540** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.8450, -19.9380, -35.1540**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6930, 21.3590, 36.9350**, and **66.1440, 18.4710, 34.2070** is the 20% darker color. If you saturate the color by 10%, you get **107.6490, 24.6590, 43.2110**, and if you desaturate by 10%, it is **126.6610, 15.2170, 27.0970**.

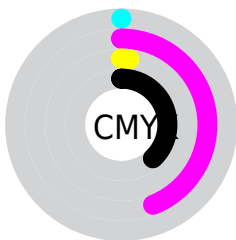
Distribution



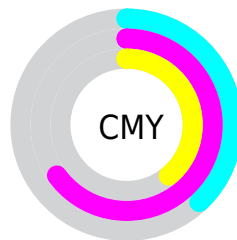
- Red (62%)
- Green (35%)
- Blue (61%)



- Red (62%)
- Yellow (35%)
- Blue (61%)



- Cyan (0%)
- Magenta (44%)
- Yellow (2%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.1550, 19.9380, 35.1540 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 117.1550, 19.9380, 35.1540 by changing the saturation by 10% instead.

■ 117.1550, 19.9380,
35.1540

■ 117.1550, 19.9380,
35.1540

255.0000, -0.0000,
-0.0000

■ 91.4430, 19.0670,
34.4190

■ 170.6930, 21.3590,
36.9350

■ 66.1440, 18.4710,
34.2070

■ 198.4050, 22.2300,
37.6700

■ 39.6710, 18.4250,
35.0410

■ 220.3670, 16.2250,
30.8570

■ 22.8290, 14.8040,
29.0760

■ 236.8030, 8.5250,
16.2130

■ 14.1560, 9.0290,
18.0930

253.8260, 0.5500,
1.0460

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,

0.0000

■ 117.1550, 19.9380,
35.1540

■ 117.1550, 19.9380,
35.1540

■ 107.6490, 24.6590,
43.2110

■ 126.6610, 15.2170,
27.0970

■ 98.2570, 29.0590,
51.5790

■ 136.0530, 10.8170,
18.7290

■ 89.3380, 33.5050,
59.1130

■ 144.9720, 6.3710,
11.1950

■ 79.8320, 38.2260,
67.1700

■ 154.4780, 1.6500,
3.1380

■ 70.4400, 42.6260,
75.5380

■ 163.8700, -2.7500,
-5.2300

■ 64.4560, 45.6970,
80.4570

■ 173.3760, -7.4710,
-13.2870

■ 182.8820,
-12.1920, -21.3440

■ 191.8010,
-16.6380, -28.8780

■ 201.1930,
-21.0380, -37.2460

Harmonies

Analogous

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



115.2730, -21.7370, 25.0070



117.1550, 19.9380, 35.1540



113.9440, 48.2730, 33.7530

Triad

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



117.1550, 19.9380, 35.1540



109.7680, 40.8550, -19.0570



94.4700, -84.1290, -22.6970

Complementary

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



117.1550, 19.9380, 35.1540



129.8450, -19.9380, -35.1540

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.



90.0240, -71.6100, -34.8260



117.1550, 19.9380, 35.1540



105.8890, 12.2930, -30.0670

Square

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



117.1550, 19.9380, 35.1540



112.1590, 56.5320, -0.3000



97.5710, -30.8500, -35.6340



95.4280, -92.3380, -11.5860

Rectangle

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



117.1550, 19.9380, 35.1540



112.4640, 58.1320, 25.7800



97.5710, -30.8500, -35.6340



93.5750, -80.2310, -27.2630

Sweetspot

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



117.1550, 19.9380, 35.1540



190.9230, 8.0670, 13.4990



97.4640, -20.9570, 21.8830



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.



117.1550, 19.9380, 35.1540



143.0340, 31.3050, 54.9290



113.2790, 30.8520, 24.5800



74.3040, 2.2000, 4.1840



58.3750, 41.2510, 72.9230



6.1950, 4.1250, 7.8450

Inverse Universe

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



117.1550, 19.9380, 35.1540



143.0340, 31.3050, 54.9290



133.7210, -30.8520, -24.5800



74.3040, 2.2000, 4.1840



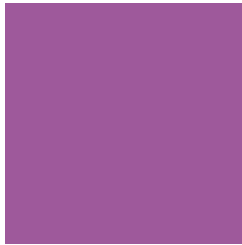
58.3750, 41.2510, 72.9230



6.1950, 4.1250, 7.8450

Previews

White Background



This preview shows how the YIQ color 117.1550, 19.9380, 35.1540 looks on a white background.

Color Contrast Check

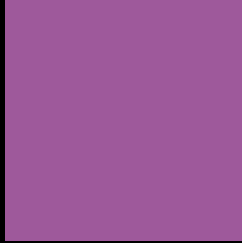
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.1550, 19.9380, 35.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

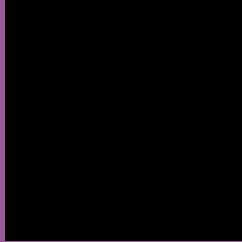
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YIQ 117.1550, 19.9380, 35.1540

Background



This preview shows how black text looks on a background with the YIQ color 117.1550, 19.9380, 35.1540.



This preview shows how white text looks on a background with the YIQ color 117.1550, 19.9380,

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

117.1550, 19.9380, 35.1540

Protanopia

113.3870, -31.2260, 15.2540

Deuteranopia

114.6520, -16.0950, 10.8570



Tritanopia

116.3460, 28.7450, 13.2010

Trichromacy



Original Color

117.1550, 19.9380, 35.1540

Protanomaly

115.0690, -12.4750, 22.3490

Deuteranomaly

115.7510, -2.8920, 19.3800

Tritanomaly

116.5340, 25.5800, 21.0040

Monochromacy



Original Color

117.1550, 19.9380, 35.1540

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.2110, 7.1960, 12.7640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.1550, 19.9380, 35.1540 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(158, 89, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 89, 155) }
```

Border

The CSS property to change the border of an element to YIQ 117.1550, 19.9380, 35.1540 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, 155) }
```


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

```
.border{ border-color:rgb(158, 89, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 89, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 89, 155); box-shadow:4px 4px 4px 4px rgb(158, 89, 155) }
```

Background

The CSS property to change the background color of an element to YIQ 117.1550, 19.9380, 35.1540 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, 155) }
```

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

```
.background{ background-color: rgb(158, 89,  
155) }
```

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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