

Converting Colors

YIQ(118.4550, 10.7660, 47.1980)

Have a look what the booklet for
YIQ(118.4550, 10.7660, 47.1980)
contains.

YIQ(118.4550, 10.7660, 47.1980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(118.4550, 10.7660,
47.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	9E55BB
RGB	158, 85, 187
RGB Percent	62%, 33%, 73%
CMY	0.3801, 0.6668, 0.2667
CMYK	0.15, 0.55, 0.00, 0.27
HSL	283°, 43%, 53%
HSV	283°, 55%, 73%
XYZ	26.3272, 17.3549, 48.9708
YIQ	118.4550, 10.7660, 47.1980

Conversions

Conversions Part 2

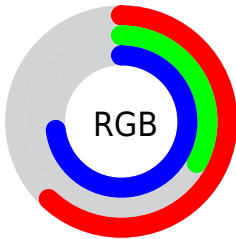
Format	Color
R _Y B	158, 85, 187
Decimal	10376635
CIE Lab	48.70, 47.03, -41.68
CIE LCh	49, 62.841, 318.457
Yxy	17.3549, 0.2841, 0.1873
Android (android.graphics.Color)	4288566715 (0xFF9E55BB)
YUV	118.4550, 33.7927, 34.6810
Hunter-Lab	41.6592, 39.9023, -40.5344

Details

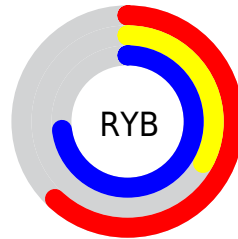
The YIQ color **118.4550, 10.7660, 47.1980** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **153.5450, -10.7660, -47.1980**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **172.5200, 12.1410, 49.8130**, and **65.6290, 10.2160, 46.1520** is the 20% darker color. If you saturate the color by 10%, you get **105.8070, 13.0110, 56.0750**, and if you desaturate by 10%, it is **131.1030, 8.5210, 38.3210**.

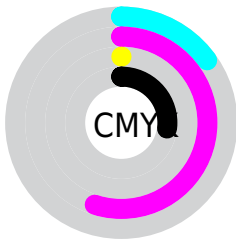
Distribution



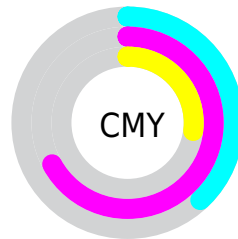
- Red (62%)
- Green (33%)
- Blue (73%)



- Red (62%)
- Yellow (33%)
- Blue (73%)



- Cyan (15%)
- Magenta (55%)
- Yellow (0%)
- Black (27%)



- Cyan (38%)
- Magenta (67%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.4550, 10.7660, 47.1980 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 118.4550, 10.7660, 47.1980 by changing the saturation by 10% instead.

■ 118.4550, 10.7660,
47.1980

■ 118.4550, 10.7660,
47.1980

■ 255.0000, -0.0000,
-0.0000

■ 92.0420, 10.4910,
46.6750

■ 172.5200, 12.1410,
49.8130

■ 65.6290, 10.2160,
46.1520

■ 198.8810, 18.1940,
44.7380

■ 35.2210, 11.5450,
49.6010

■ 218.0190, 17.3250,
32.9490

■ 24.7110, 3.7530,
36.6250

■ 235.0420, 9.3500,
17.7820

■ 15.6960, -1.0590,
24.7090

■ 252.0650, 1.3750,
2.6150

■ 5.2780, -12.1060,
10.1500

■ 1.3680, -3.8520,

3.7320

0.0000, 0.0000,
0.0000

118.4550, 10.7660,
47.1980

118.4550, 10.7660,
47.1980

105.8070, 13.0110,
56.0750

131.1030, 8.5210,
38.3210

93.4470, 14.3850,
64.2170

143.4630, 7.1470,
30.1790

80.7990, 16.6300,
73.0940

156.1110, 4.9020,
21.3020

68.1510, 18.8750,
81.9710

168.7590, 2.6570,
12.4250

61.3840, 19.8370,
86.5650

181.1190, 1.2830,
4.2830

■ 193.7670, -0.9620,
-4.5940

■ 206.4150, -3.2070,
-13.4710

■ 219.0630, -5.4520,
-22.3480

■ 231.4230, -6.8260,
-30.4900

Harmonies

Analogous

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



108.1450, -62.3590, 23.3130



118.4550, 10.7660, 47.1980



110.8660, 58.0810, 54.2490

Triad

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



118.4550, 10.7660, 47.1980



109.1650, 64.4220, -22.1540



99.0520, -86.0080, -27.1920

Complementary

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



118.4550, 10.7660, 47.1980



153.5450, -10.7660, -47.1980

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.



91.6080, -67.8030, -43.2510



118.4550, 10.7660, 47.1980



104.7920, 31.1390, -41.2210

Square

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



118.4550, 10.7660, 47.1980



109.5320, 80.6470, 8.7030



92.8680, -27.9130, -50.3210



102.6490, -100.2700, -11.0060

Rectangle

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



118.4550, 10.7660, 47.1980



107.1050, 76.1010, 47.0530



92.8680, -27.9130, -50.3210



97.0000, -80.2300, -32.7900

Sweetspot

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



118.4550, 10.7660, 47.1980



215.8180, 4.1690, 18.0650



114.8250, -41.2670, 15.5090



106.7050, 2.7490, 10.7570



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



118.4550, 10.7660, 47.1980



136.6850, 16.9510, 72.7830



124.8460, 34.4700, 47.1260



88.1190, 1.2830, 4.2830



51.7990, 16.6300, 73.0940



10.1120, 3.1610, 14.3050

Inverse Universe

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



118.8040, 51.4830, 30.6430



136.9590, 79.4480, 46.9680



147.1540, -34.4700, -47.1260



88.0330, 4.4010, 2.8410



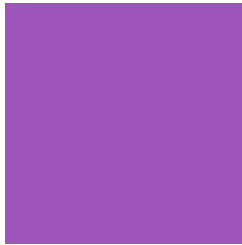
52.3720, 79.7230, 47.4910



10.2950, 15.5870, 9.3710

Previews

White Background



This preview shows how the YIQ color 118.4550, 10.7660, 47.1980 looks on a white background.

Color Contrast Check

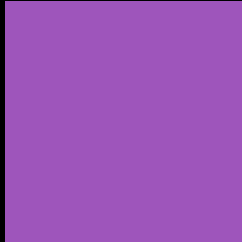
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.4550, 10.7660, 47.1980 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 118.4550, 10.7660, 47.1980

Background



This preview shows how black text looks on a background with the YIQ color 118.4550, 10.7660, 47.1980.



This preview shows how white text looks on a background with the YIQ color 118.4550, 10.7660,

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

118.4550, 10.7660, 47.1980

Protanopia

110.0480, -60.7080, 20.9240

Deuteranopia

113.2440, -41.1290, 13.0070



Tritanopia

117.7690, 23.0600, 11.6040

Trichromacy



Original Color

118.4550, 10.7660, 47.1980

Protanomaly

113.3180, -34.8050, 30.5630

Deuteranomaly

115.3870, -22.0580, 25.3180

Tritanomaly

117.9340, 18.7020, 24.5100

Monochromacy



Original Color

118.4550, 10.7660, 47.1980

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.2910, 4.2150, 17.2310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.4550, 10.7660, 47.1980 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, 85, 187)` looks like.

```
.text, #text, p{  
    color:rgb(158, 85, 187)  
}
```

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, 85, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 85, 187) }
```

Border

The CSS property to change the border of an element to YIQ 118.4550, 10.7660, 47.1980 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, 85, 187) }
```


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

```
.border{ border-color:rgb(158, 85, 187) }
```

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

Here you see how a box with a 4 pixel rgb(158, 85, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 85, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 85, 187);  
box-shadow:4px 4px 4px 4px rgb(158, 85,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 118.4550, 10.7660, 47.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 85, 187) }
```

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

```
.background{ background-color: rgb(158, 85,  
187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor