

Converting Colors

YIQ(118.5800, 27.9660, 10.7980)

Have a look what the booklet for
YIQ(118.5800, 27.9660, 10.7980)
contains.

YIQ(118.5800, 27.9660, 10.7980)	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(118.5800, 27.9660,
10.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	98686A
RGB	152, 104, 106
RGB Percent	60%, 41%, 42%
CMY	0.4038, 0.5922, 0.5842
CMYK	0.00, 0.32, 0.30, 0.40
HSL	357°, 19%, 50%
HSV	357°, 32%, 60%
XYZ	20.5057, 17.6160, 15.9627
YIQ	118.5800, 27.9660, 10.7980

Conversions

Conversions Part 2

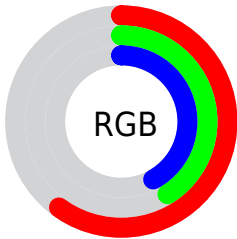
Format	Color
R_{YB}	152, 104, 106
Decimal	9988202
CIE _{Lab}	49.03, 19.59, 6.66
CIE _{LCh}	49, 20.692, 18.769
Yxy	17.6160, 0.3791, 0.3257
Android (android.graphics.Color)	4288178282 (0xFF98686A)
YUV	118.5800, -6.2019, 29.3093
Hunter-Lab	41.9714, 13.7584, 6.8306

Details

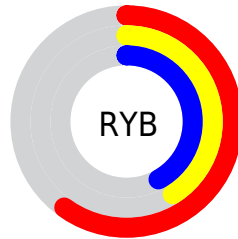
The YIQ color **118.5800, 27.9660, 10.7980** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **137.4200, -27.9660, -10.7980**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3630, 30.0750, 11.1230**, and **69.4980, 25.2610, 10.2610** is the 20% darker color. If you saturate the color by 10%, you get **108.0650, 36.9060, 13.9780**, and if you desaturate by 10%, it is **129.0950, 19.0260, 7.6180**.

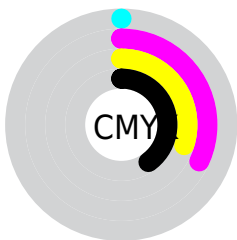
Distribution



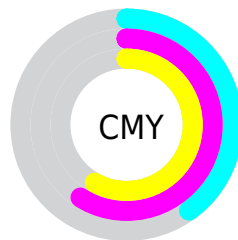
- Red (60%)
- Green (41%)
- Blue (42%)



- Red (60%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (32%)
- Yellow (30%)
- Black (40%)



- Cyan (40%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.5800, 27.9660, 10.7980 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 118.5800, 27.9660, 10.7980 by changing the saturation by 10% instead.

■ 118.5800, 27.9660,
10.7980

■ 118.5800, 27.9660,
10.7980

■ 255.0000, -0.0000,
-0.0000

■ 93.6830, 26.1780,
10.1620

■ 171.3630, 30.0750,
11.1230

■ 69.4980, 25.2610,
10.2610

■ 198.9610, 31.2670,
11.5470

■ 46.6010, 23.4730,
9.6250

■ 223.6830, 26.1780,
10.1620

■ 23.9320, 21.0430,
9.6110

■ 243.8980, 9.2150,
3.7030

■ 8.7850, 16.9630,
6.4590

■ 0.0000, 0.0000,
0.0000

■ 118.5800, 27.9660,
10.7980

■ 118.5800, 27.9660,
10.7980

■ 108.0650, 36.9060,
13.9780

■ 129.0950, 19.0260,
7.6180

■ 97.6640, 45.5250,
17.4690

■ 139.4960, 10.4070,
4.1270

■ 86.5620, 54.7400,
21.1720

■ 150.5980, 1.1920,
0.4240

■ 76.1610, 63.3590,
24.6630

■ 160.9990, -7.4270,
-3.0670

■ 65.6460, 72.2990,
27.8430

■ 171.5140,
-16.3670, -6.2470

■ 55.2450, 80.9180,
31.3340


■ 181.9150,
-24.9860, -9.7380

■ 46.1320, 88.6660,
34.0900

■ 192.4300,
-33.9260, -12.9180

■ 203.4180,

-42.8200, -16.9320

 213.9330,
-51.7600, -20.1120

Harmonies

Analogous

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



119.1370, 19.2080, 15.3360



118.5800, 27.9660, 10.7980



117.1360, 28.9760, 3.5040

Triad

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



118.5800, 27.9660, 10.7980



112.1050, -5.2700, -14.6300



112.9550, -30.4900, 1.9100

Complementary

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



118.5800, 27.9660, 10.7980



137.4200, -27.9660, -10.7980

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.



108.7100, -40.3460, -6.6980



118.5800, 27.9660, 10.7980



109.7100, -23.1510, -15.4630

Square

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



118.5800, 27.9660, 10.7980



114.5970, 10.9600, -11.4080



107.8750, -36.6770, -12.6210



116.7940, -13.6190, 10.0370

Rectangle

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



118.5800, 27.9660, 10.7980



116.5930, 25.9510, -2.2490



107.8750, -36.6770, -12.6210



111.9220, -34.8910, -0.9310

Sweetspot

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



118.5800, 27.9660, 10.7980



186.4960, 10.4070, 4.1270



123.2260, 12.0080, 24.6800



91.9900, 5.9600, 2.1200



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



118.5800, 27.9660, 10.7980



146.1800, 44.0120, 17.3560



131.2660, 22.5580, -1.3300



71.3920, 4.7680, 1.6960



42.5440, 81.5140, 31.5460



4.0010, 7.4270, 3.0670

Inverse Universe

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



118.5800, 27.9660, 10.7980



146.1800, 44.0120, 17.3560



124.7340, -22.5580, 1.3300



71.3920, 4.7680, 1.6960



42.5440, 81.5140, 31.5460



4.0010, 7.4270, 3.0670

Previews

White Background



This preview shows how the YIQ color 118.5800, 27.9660, 10.7980 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 118.5800, 27.9660, 10.7980 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 118.5800, 27.9660, 10.7980

Background



This preview shows how black text looks on a background with the YIQ color 118.5800, 27.9660, 10.7980.



This preview shows how white text looks on a background with the YIQ color 118.5800, 27.9660,

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

118.5800, 27.9660, 10.7980

Protanopia

116.8540, 3.3470, -0.0850

Deuteranopia

117.9540, 14.8090, 1.4410



Tritanopia

118.8620, 27.2320, 13.0880

Trichromacy



Original Color

118.5800, 27.9660, 10.7980

Protanomaly

117.7520, 12.5620, 3.6180

Deuteranomaly

118.4000, 19.4850, 4.8050

Tritanomaly

118.6340, 27.8740, 12.4660

Monochromacy



Original Color

118.5800, 27.9660, 10.7980

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.0830, 10.1320, 3.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.5800, 27.9660, 10.7980 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(152, 104, 106)` looks like.

```
.text, #text, p{  
    color:rgb(152, 104, 106)  
}
```

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(152, 104, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 104, 106) }
```

Border

The CSS property to change the border of an element to YIQ 118.5800, 27.9660, 10.7980 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(152, 104, 106) }
```


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

```
.border{ border-color:rgb(152, 104, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 104, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 104, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 104, 106);  
box-shadow:4px 4px 4px 4px rgb(152, 104,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 118.5800, 27.9660, 10.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 104, 106) }
```

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

```
.background{ background-color: rgb(152,  
104, 106) }
```

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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