

Converting Colors

YIQ(111.7970, 8.6620, 19.2380)

Have a look what the booklet for
YIQ(111.7970, 8.6620, 19.2380)
contains.

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Color

**YIQ(111.7970, 8.6620,
19.2380)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 846187 |
| RGB | 132, 97, 135 |
| RGB Percent | 52%, 38%, 53% |
| CMY | 0.4822, 0.6197, 0.4706 |
| CMYK | 0.02, 0.28, 0.00, 0.47 |
| HSL | 295°, 16%, 45% |
| HSV | 295°, 28%, 53% |
| XYZ | 18.1666, 15.2037, 24.8993 |
| YIQ | 111.7970, 8.6620, 19.2380 |

Conversions

Conversions Part 2

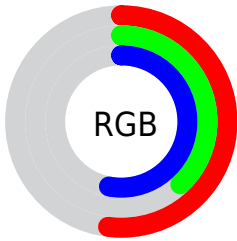
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 132, 97, 135 |
| Decimal | 8675719 |
| CIE _{Lab} | 45.91, 21.15, -15.56 |
| CIE _{LCh} | 46, 26.259, 323.664 |
| Yxy | 15.2037, 0.3118, 0.2609 |
| Android (android.graphics.Color) | 4286865799 (0xFF846187) |
| YUV | 111.7970, 11.4391, 17.7180 |
| Hunter-Lab | 38.9920, 14.9283, -10.5667 |

Details

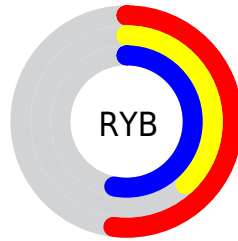
The YIQ color **111.7970, 8.6620, 19.2380** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **120.2030, -8.6620, -19.2380**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9220, 9.8080, 20.4960**, and **63.5580, 7.8370, 17.6690** is the 20% darker color. If you saturate the color by 10%, you get **103.2800, 11.9160, 26.3480**, and if you desaturate by 10%, it is **119.7270, 5.6830, 12.6510**.

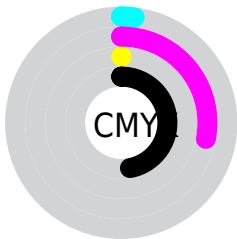
Distribution



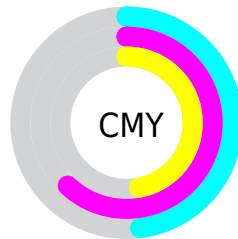
- Red (52%)
- Green (38%)
- Blue (53%)



- Red (52%)
- Yellow (38%)
- Blue (53%)



- Cyan (2%)
- Magenta (28%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.7970, 8.6620, 19.2380 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 111.7970, 8.6620, 19.2380 by changing the saturation by 10% instead.

■ 111.7970, 8.6620,
19.2380

■ 111.7970, 8.6620,
19.2380

■ 255.0000, -0.0000,
-0.0000

■ 87.0850, 7.7910,
18.5030

■ 163.9220, 9.8080,
20.4960

■ 63.5580, 7.8370,
17.6690

■ 191.0360, 9.4870,
20.8070

■ 40.8460, 6.9660,
16.9340

■ 218.8620, 10.0370,
21.8530

■ 18.8460, 6.9660,
16.9340

■ 240.3250, 6.8750,
13.0750

■ 2.1660, -6.0990,
5.9090

■ 0.0000, 0.0000,
0.0000

111.7970, 8.6620,
19.2380

111.7970, 8.6620,
19.2380

103.2800, 11.9160,
26.3480

119.7270, 5.6830,
12.6510

95.3500, 14.8950,
32.9350

128.2440, 2.4290,
5.5410

86.8330, 18.1490,
40.0450

136.1740, -0.5500,
-1.0460

78.9030, 21.1280,
46.6320

144.6910, -3.8040,
-8.1560

70.3860, 24.3820,
53.7420

152.6210, -6.7830,
-14.7430

62.4560, 27.3610,
60.3290

161.1380,
-10.0370, -21.8530

53.9390, 30.6150,
67.4390


169.0680,
-13.0160, -28.4400

52.4660, 30.5690,

177.5850,

68.2730

-16.2700, -35.5500

 185.8140,
-18.6530, -41.9250

Harmonies

Analogous

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



110.0160, -14.1240, 13.6840



111.7970, 8.6620, 19.2380



111.2520, 26.3140, 18.7140

Triad

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



111.7970, 8.6620, 19.2380



107.9040, 26.2730, -8.0870



92.2790, -58.5460, -18.2740

Complementary

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



111.7970, 8.6620, 19.2380



120.2030, -8.6620, -19.2380

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.



97.7300, -35.0710, -19.7030



111.7970, 8.6620, 19.2380



105.7770, 10.2730, -15.4790

Square

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



111.7970, 8.6620, 19.2380



109.0180, 35.1200, 2.2880



102.5340, -11.0920, -19.2520



95.4350, -58.6850, -10.2450

Rectangle

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



111.7970, 8.6620, 19.2380



110.7380, 33.5130, 14.8970



102.5340, -11.0920, -19.2520



94.3460, -51.4850, -19.5890

Sweetspot

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



111.7970, 8.6620, 19.2380



167.4830, 3.2540, 7.1100



103.0930, -13.0230, 10.2490



83.7170, 2.4750, 4.7070



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



111.7970, 8.6620, 19.2380



139.2850, 13.5200, 30.3200



110.8700, 15.5860, 14.8980



62.4780, 1.6500, 3.1380



50.7000, 29.7900, 65.8700



0.9400, 0.2290, 1.3570

Inverse Universe

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



108.7040, 21.6850, 8.9890



134.5100, 34.1550, 14.2750



121.1300, -15.5860, -14.8980



61.7940, 3.5760, 1.2720



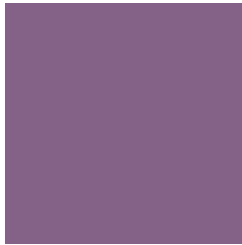
40.0100, 74.2700, 30.6700



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 111.7970, 8.6620, 19.2380 looks on a white background.

Color Contrast Check

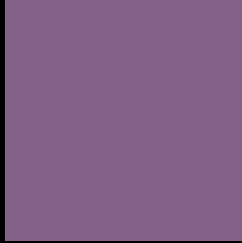
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.7970, 8.6620, 19.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

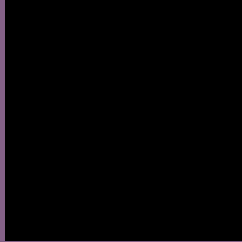
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.7970, 8.6620, 19.2380

Background



This preview shows how black text looks on a background with the YIQ color 111.7970, 8.6620, 19.2380.



This preview shows how white text looks on a background with the YIQ color 111.7970, 8.6620,

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

111.7970, 8.6620, 19.2380

Protanopia

109.5980, -16.0030, 9.1890

Deuteranopia

109.9640, -8.3460, 8.0860



Tritanopia

110.6860, 12.9280, 8.0000

Trichromacy



Original Color

111.7970, 8.6620, 19.2380

Protanomaly

110.4960, -6.7880, 12.8920

Deuteranomaly

110.4210, -2.2030, 12.3970

Tritanomaly

110.8370, 11.1850, 12.0570

Monochromacy



Original Color

111.7970, 8.6620, 19.2380

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.0700, 2.9790, 6.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.7970, 8.6620, 19.2380 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(132, 97, 135)` looks like.

```
.text, #text, p{  
    color:rgb(132, 97, 135)  
}
```

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(132, 97, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 97, 135) }
```

Border

The CSS property to change the border of an element to YIQ 111.7970, 8.6620, 19.2380 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(132, 97, 135) }
```


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

```
.border{ border-color:rgb(132, 97, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 97, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 97, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 97, 135); box-shadow:4px 4px 4px 4px rgb(132, 97, 135) }
```

Background

The CSS property to change the background color of an element to YIQ 111.7970, 8.6620, 19.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 97, 135) }
```

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

```
.background{ background-color: rgb(132, 97,  
135) }
```

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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