

Converting Colors

YIQ(96.7110, 11.7800, 17.7960)

Have a look what the booklet for
YIQ(96.7110, 11.7800, 17.7960)
contains.

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Color

**YIQ(96.7110, 11.7800,
17.7960)**

Conversions

Conversions Part 1

Format	Color
Hex	775272
RGB	119, 82, 114
RGB Percent	47%, 32%, 45%
CMY	0.5332, 0.6785, 0.5529
CMYK	0.00, 0.31, 0.04, 0.53
HSL	308°, 18%, 39%
HSV	308°, 31%, 47%
XYZ	13.6652, 11.1712, 17.3573
YIQ	96.7110, 11.7800, 17.7960

Conversions

Conversions Part 2

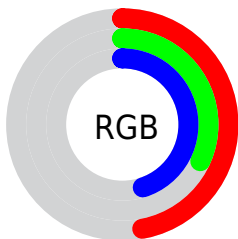
Format	Color
R_{YB}	119, 82, 114
Decimal	7819890
CIE _{Lab}	39.87, 21.13, -12.12
CIE _{LCh}	40, 24.359, 330.160
Yxy	11.1712, 0.3239, 0.2648
Android (android.graphics.Color)	4286009970 (0xFF775272)
YUV	96.7110, 8.5235, 19.5475
Hunter-Lab	33.4233, 14.4896, -7.3940

Details

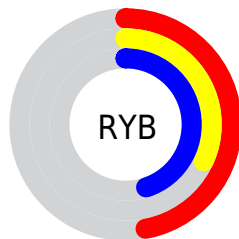
The YIQ color **96.7110, 11.7800, 17.7960** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **104.2890, -11.7800, -17.7960**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8360, 12.9260, 19.0540**, and **49.5860, 10.6340, 16.5380** is the 20% darker color. If you saturate the color by 10%, you get **89.4390, 15.7220, 23.4500**, and if you desaturate by 10%, it is **103.9830, 7.8380, 12.1420**.

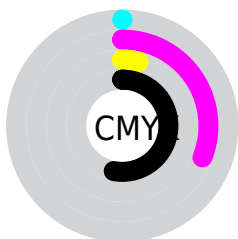
Distribution



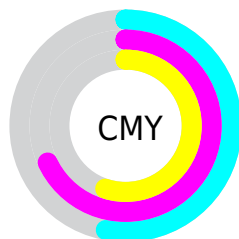
- Red (47%)
- Green (32%)
- Blue (45%)



- Red (47%)
- Yellow (32%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (4%)
- Black (53%)



- Cyan (53%)
- Magenta (68%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.7110, 11.7800, 17.7960 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 96.7110, 11.7800, 17.7960 by changing the saturation by 10% instead.

■ 96.7110, 11.7800,
17.7960

■ 96.7110, 11.7800,
17.7960

■ 255.0000, -0.0000,
-0.0000

■ 72.8850, 11.2300,
16.7500

■ 147.8360, 12.9260,
19.0540

■ 49.5860, 10.6340,
16.5380

■ 174.2490, 13.2010,
19.5770

■ 27.8740, 9.7630,
15.8030

■ 201.9610, 14.0720,
20.3120

■ 11.4070, 9.5800,
13.6120

■ 229.7760, 13.1550,
20.4110

■ 0.0000, 0.0000,
0.0000

■ 247.3690, 3.5750,
6.7990

96.7110, 11.7800,
17.7960

96.7110, 11.7800,
17.7960

89.4390, 15.7220,
23.4500

103.9830, 7.8380,
12.1420

82.2810, 19.3430,
29.4150

111.1410, 4.2170,
6.1770

75.0090, 23.2850,
35.0690

118.4130, 0.2750,
0.5230

67.8510, 26.9060,
41.0340

125.5710, -3.3460,
-5.4420

60.5790, 30.8480,
46.6880

132.8430, -7.2880,
-11.0960

53.8940, 34.5150,
51.8190


139.5280,
-10.9550, -16.2270

47.3230, 37.8610,
57.2610

146.6860,
-14.5760, -22.1920

153.9580,

-18.5180, -27.8460

 161.2300,
-22.4600, -33.5000

Harmonies

Analogous

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



95.5390, -8.3470, 13.6130



96.7110, 11.7800, 17.7960



96.3720, 25.8560, 16.0000

Triad

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



96.7110, 11.7800, 17.7960



92.7400, 20.8630, -9.1610



76.9200, -58.9130, -17.1290

Complementary

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



96.7110, 11.7800, 17.7960



104.2890, -11.7800, -17.7960

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.



83.0010, -37.2720, -18.3600



96.7110, 11.7800, 17.7960



90.5530, 5.0920, -15.1960

Square

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



96.7110, 11.7800, 17.7960



94.0990, 30.3980, -0.2420



87.7340, -14.5310, -17.4990



82.8490, -50.9830, -6.6550

Rectangle

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



96.7110, 11.7800, 17.7960



95.3740, 31.5420, 12.0700



87.7340, -14.5310, -17.4990



78.3290, -52.8150, -17.5110

Sweetspot

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



96.7110, 11.7800, 17.7960



147.5540, 4.4920, 6.7000



87.7130, -8.8970, 12.5670



73.6030, 2.7960, 4.3960



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



96.7110, 11.7800, 17.7960



121.0420, 18.5180, 27.8460



94.6590, 17.5580, 12.1980



55.3640, 1.9710, 2.8270



48.5620, 38.6860, 58.8300



99.3740, 79.6640, 120.1760

Inverse Universe

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



96.7110, 11.7800, 17.7960



121.0420, 18.5180, 27.8460



106.3410, -17.5580, -12.1980



55.3640, 1.9710, 2.8270



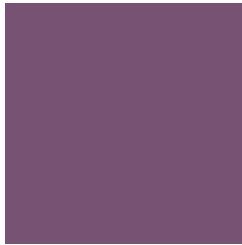
48.5620, 38.6860, 58.8300



99.3740, 79.6640, 120.1760

Previews

White Background



This preview shows how the YIQ color 96.7110, 11.7800, 17.7960 looks on a white background.

Color Contrast Check

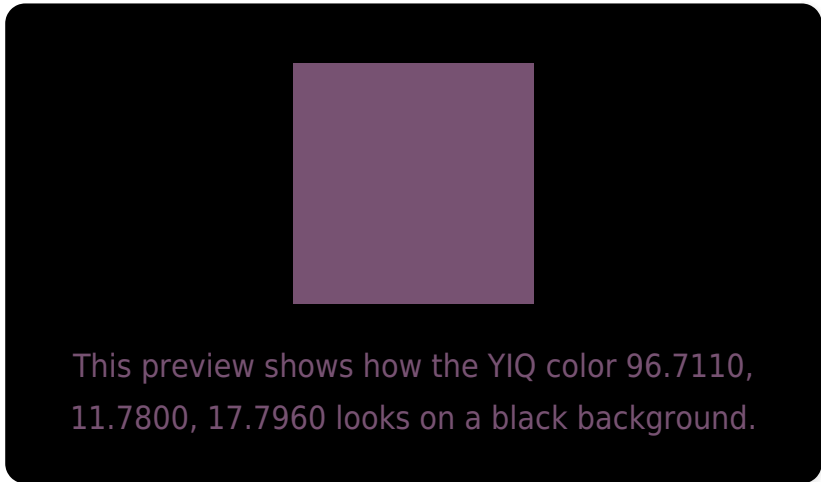
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 96.7110, 11.7800, 17.7960

Background



This preview shows how black text looks on a background with the YIQ color 96.7110, 11.7800, 17.7960.



This preview shows how white text looks on a background with the YIQ color 96.7110, 11.7800,

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

96.7110, 11.7800, 17.7960

Protanopia

94.5120, -12.8850, 7.7470

Deuteranopia

95.1770, -4.6320, 6.8560



Tritanopia

95.7680, 15.6330, 8.5370

Trichromacy



Original Color

96.7110, 11.7800, 17.7960

Protanomaly

95.4100, -3.6700, 11.4500

Deuteranomaly

95.6340, 1.5110, 11.1670

Tritanomaly

96.3920, 13.9360, 11.7600

Monochromacy



Original Color

96.7110, 11.7800, 17.7960

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.1410, 4.2170, 6.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.7110, 11.7800, 17.7960 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(119, 82, 114)` looks like.

```
.text, #text, p{  
    color:rgb(119, 82, 114)  
}
```

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(119, 82, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 82, 114) }
```

Border

The CSS property to change the border of an element to YIQ 96.7110, 11.7800, 17.7960 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(119, 82, 114) }
```


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

```
.border{ border-color:rgb(119, 82, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 82, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 82, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 82, 114);  
box-shadow:4px 4px 4px 4px rgb(119, 82,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 96.7110, 11.7800, 17.7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 82, 114) }
```

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

```
.background{ background-color: rgb(119, 82,  
114) }
```

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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