

Converting Colors

YIQ(117.5080, 11.2740, 26.9700)

Have a look what the booklet for
YIQ(117.5080, 11.2740, 26.9700)
contains.

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Color

**YIQ(117.5080, 11.2740,
26.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	916197
RGB	145, 97, 151
RGB Percent	57%, 38%, 59%
CMY	0.4312, 0.6197, 0.4078
CMYK	0.04, 0.36, 0.00, 0.41
HSL	293°, 22%, 49%
HSV	293°, 36%, 59%
XYZ	21.5425, 16.8032, 31.3864
YIQ	117.5080, 11.2740, 26.9700

Conversions

Conversions Part 2

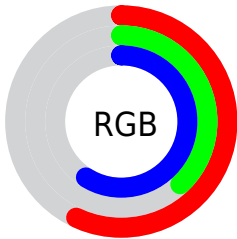
Format	Color
R_{YB}	145, 97, 151
Decimal	9527703
CIE _{Lab}	48.01, 28.94, -21.75
CIE _{LCh}	48, 36.205, 323.072
Yxy	16.8032, 0.3089, 0.2410
Android (android.graphics.Color)	4287717783 (0xFF916197)
YUV	117.5080, 16.5116, 24.1105
Hunter-Lab	40.9918, 22.0720, -16.7027

Details

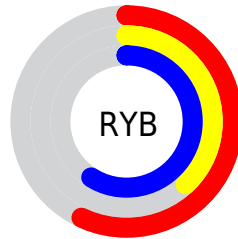
The YIQ color **117.5080, 11.2740, 26.9700** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.4920, -11.2740, -26.9700**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0460, 12.6950, 28.7510**, and **67.9700, 9.8530, 25.1890** is the 20% darker color. If you saturate the color by 10%, you get **108.1050, 14.2070, 34.3910**, and if you desaturate by 10%, it is **126.9110, 8.3410, 19.5490**.

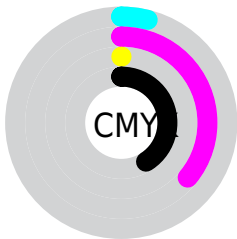
Distribution



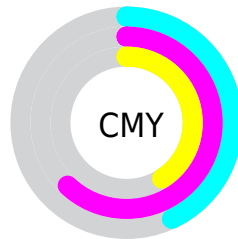
- Red (57%)
- Green (38%)
- Blue (59%)



- Red (57%)
- Yellow (38%)
- Blue (59%)



- Cyan (4%)
- Magenta (36%)
- Yellow (0%)
- Black (41%)



- Cyan (43%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.5080, 11.2740, 26.9700 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 117.5080, 11.2740, 26.9700 by changing the saturation by 10% instead.

■ 117.5080, 11.2740,
26.9700

■ 117.5080, 11.2740,
26.9700

■ 255.0000, -0.0000,
-0.0000

■ 92.6820, 10.7240,
25.9240

■ 170.0460, 12.6950,
28.7510

■ 67.9700, 9.8530,
25.1890

■ 197.5730, 12.6490,
29.5850

■ 44.5570, 9.5780,
24.6660

■ 224.4760, 14.3000,
27.1960

■ 21.2580, 8.9820,
24.4540

■ 240.9120, 6.6000,
12.5520

■ 11.1230, 4.6280,
15.2520

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,

0.0000

■ 117.5080, 11.2740,
26.9700

■ 117.5080, 11.2740,
26.9700

■ 108.1050, 14.2070,
34.3910

■ 126.9110, 8.3410,
19.5490

■ 99.0010, 17.7360,
42.0240

■ 136.0150, 4.8120,
11.9160

■ 89.5980, 20.6690,
49.4450

■ 145.4180, 1.8790,
4.4950

■ 80.1950, 23.6020,
56.8660

■ 154.8210, -1.0540,
-2.9260

■ 70.5040, 27.4060,
65.0220

■ 163.9250, -4.5830,
-10.5590

■ 61.1010, 30.3390,
72.4430

■ 173.9150, -7.7910,
-18.5030

■ 57.2800, 31.3930,
75.3690

■ 183.3180,
-10.7240, -25.9240

■ 192.4220,
-14.2530, -33.5570

■ 201.8250,
-17.1860, -40.9780

Harmonies

Analogous

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



114.7580, -21.9650, 18.1230



117.5080, 11.2740, 26.9700



116.0840, 35.8950, 26.7990

Triad

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



117.5080, 11.2740, 26.9700



112.0590, 35.9020, -11.8900



91.3410, -79.4520, -24.8600

Complementary

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



117.5080, 11.2740, 26.9700



130.4920, -11.2740, -26.9700

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.



89.3020, -66.5210, -33.4410



117.5080, 11.2740, 26.9700



108.8280, 14.2630, -21.7130

Square

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



117.5080, 11.2740, 26.9700



113.7760, 47.5450, 2.8810



104.1540, -16.1340, -26.9980



92.4300, -86.6520, -15.5160

Rectangle

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



117.5080, 11.2740, 26.9700



115.2990, 45.2950, 21.6390



104.1540, -16.1340, -26.9980



90.7880, -76.5170, -28.4930

Sweetspot

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



117.5080, 11.2740, 26.9700



183.0750, 4.5830, 10.5590



106.6780, -18.9840, 13.6560



91.6570, 2.7040, 6.0640



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.



117.5080, 11.2740, 26.9700



144.0010, 17.7360, 42.0240



116.9080, 21.5910, 21.7110



72.0050, 1.6040, 3.9720



53.3350, 29.5600, 70.0400



4.7710, 2.3830, 6.3750

Inverse Universe

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



113.8300, 30.2580, 13.3140



138.1420, 47.1750, 20.6070



131.0920, -21.5910, -21.7110



71.5060, 4.4470, 2.0070



43.5700, 78.6250, 34.3450



4.0010, 7.4270, 3.0670

Previews

White Background



This preview shows how the YIQ color 117.5080, 11.2740, 26.9700 looks on a white background.

Color Contrast Check

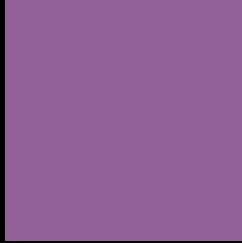
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.5080, 11.2740, 26.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

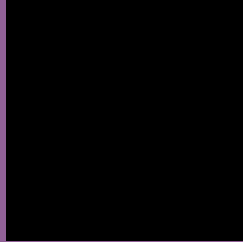
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.5080, 11.2740, 26.9700

Background



This preview shows how black text looks on a background with the YIQ color 117.5080, 11.2740, 26.9700.



This preview shows how white text looks on a background with the YIQ color 117.5080, 11.2740,

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

117.5080, 11.2740, 26.9700

Protanopia

114.2150, -24.9900, 12.3700

Deuteranopia

114.6090, -14.5360, 10.1360



Tritanopia

116.3770, 18.2920, 9.9080

Trichromacy



Original Color

117.5080, 11.2740, 26.9700

Protanomaly

115.3200, -11.9240, 17.8680

Deuteranomaly

115.9740, -5.1380, 16.0300

Tritanomaly

116.8100, 15.8150, 16.2550

Monochromacy



Original Color

117.5080, 11.2740, 26.9700

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.6620, 4.3080, 10.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.5080, 11.2740, 26.9700 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(145, 97, 151)` looks like.

```
.text, #text, p{  
    color:rgb(145, 97, 151)  
}
```

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(145, 97, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 97, 151) }
```

Border

The CSS property to change the border of an element to YIQ 117.5080, 11.2740, 26.9700 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(145, 97, 151) }
```


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

```
.border{ border-color:rgb(145, 97, 151) }
```

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

Here you see how a box with a 4 pixel rgb(145, 97, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 97, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 97, 151);  
box-shadow:4px 4px 4px 4px rgb(145, 97,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 117.5080, 11.2740, 26.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 97, 151) }
```

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

```
.background{ background-color: rgb(145, 97,  
151) }
```

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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