

Converting Colors

YIQ(106.7480, 1.1900, 11.4780)

Have a look what the booklet for
YIQ(106.7480, 1.1900, 11.4780)
contains.

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Color

**YIQ(106.7480, 1.1900,
11.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	73637D
RGB	115, 99, 125
RGB Percent	45%, 39%, 49%
CMY	0.5490, 0.6118, 0.5098
CMYK	0.08, 0.21, 0.00, 0.51
HSL	277°, 12%, 44%
HSV	277°, 21%, 49%
XYZ	15.2347, 14.0488, 21.3094
YIQ	106.7480, 1.1900, 11.4780

Conversions

Conversions Part 2

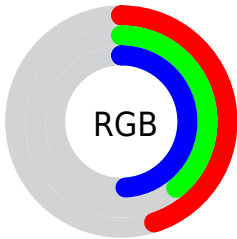
Format	Color
R_{YB}	115, 99, 125
Decimal	7562109
CIE _{Lab}	44.30, 11.68, -12.15
CIE _{LCh}	44, 16.850, 313.869
Yxy	14.0488, 0.3011, 0.2777
Android (android.graphics.Color)	4285752189 (0xFF73637D)
YUV	106.7480, 8.9982, 7.2370
Hunter-Lab	37.4817, 6.9596, -7.4709

Details

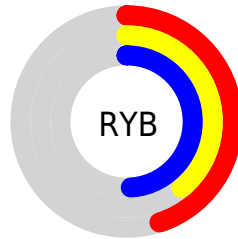
The YIQ color **106.7480, 1.1900, 11.4780** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **117.2520, -1.1900, -11.4780**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2750, 1.1440, 12.3120**, and **59.2210, 1.2360, 10.6440** is the 20% darker color. If you saturate the color by 10%, you get **97.6220, 1.7850, 17.2170**, and if you desaturate by 10%, it is **115.2870, 0.8700, 6.2620**.

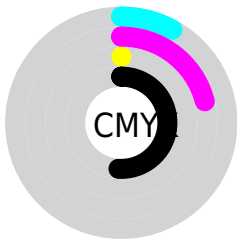
Distribution



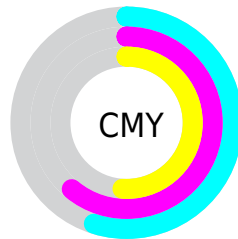
- Red (45%)
- Green (39%)
- Blue (49%)



- Red (45%)
- Yellow (39%)
- Blue (49%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (51%)



- Cyan (55%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.7480, 1.1900, 11.4780 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 106.7480, 1.1900, 11.4780 by changing the saturation by 10% instead.

■ 106.7480, 1.1900,
11.4780

■ 106.7480, 1.1900,
11.4780

■ 255.0000, -0.0000,
-0.0000

■ 82.3350, 0.9150,
10.9550

■ 158.2750, 1.1440,
12.3120

■ 59.2210, 1.2360,
10.6440

■ 185.2750, 1.1440,
12.3120

■ 37.3950, 0.6860,
9.5980

■ 212.6880, 1.4190,
12.8350

■ 15.8190, 2.4280,
11.0680

■ 240.3030, 3.9410,
11.1810

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 106.7480, 1.1900,
11.4780

■ 106.7480, 1.1900,
11.4780

■ 97.6220, 1.7850,
17.2170

■ 115.2870, 0.8700,
6.2620

■ 89.0830, 2.1050,
22.4330

■ 124.4130, 0.2750,
0.5230

■ 80.2560, 3.2960,
28.3840

■ 132.6530, -0.6410,
-4.9050

■ 71.7170, 3.6160,
33.6000

■ 141.7790, -1.2360,
-10.6440

■ 62.5910, 4.2110,
39.3390

■ 150.3180, -1.5560,
-15.8600

■ 54.0520, 4.5310,
44.5550

■ 159.4440, -2.1510,
-21.5990

■ 44.9260, 5.1260,
50.2940


■ 167.9830, -2.4710,
-26.8150

■ 37.2730, 5.7670,

■ 176.8100, -3.6620,

55.1990

-32.7660

 185.3490, -3.9820,
-37.9820

Harmonies

Analogous

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



105.0990, -13.1600, 7.2240



106.7480, 1.1900, 11.4780



106.9190, 13.8900, 12.5940

Triad

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



106.7480, 1.1900, 11.4780



104.6570, 19.8990, -2.7010



98.7190, -27.3700, -10.5860

Complementary

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



106.7480, 1.1900, 11.4780



117.2520, -1.1900, -11.4780

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.



99.8250, -16.0450, -12.0850



106.7480, 1.1900, 11.4780



103.2920, 10.5010, -8.5950

Square

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



106.7480, 1.1900, 11.4780



105.9120, 23.7950, 3.7870



101.9530, -1.7860, -11.6900



99.0270, -30.9930, -5.4970

Rectangle

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



106.7480, 1.1900, 11.4780



106.9750, 19.4840, 10.3320



101.9530, -1.7860, -11.6900



99.0460, -23.9770, -11.5050

Sweetspot

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



106.7480, 1.1900, 11.4780



155.9340, 0.3660, 4.3820



107.8340, -11.0960, 2.8560



77.5810, -0.1380, 2.5020



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



106.7480, 1.1900, 11.4780



134.4480, 2.3350, 18.2630



109.3960, 8.1130, 12.6650



58.9940, 0.1370, 3.0250



38.2130, 5.9960, 56.5560



0.0000, 0.0000, 0.0000

Inverse Universe

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



107.9140, 12.2860, 8.6220



136.0830, 19.3000, 13.6680



114.6040, -8.1130, -12.6650



59.4350, 3.2090, 2.4170



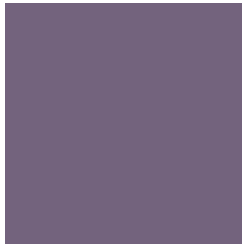
43.8580, 60.5590, 42.3750



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 106.7480, 1.1900, 11.4780 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 106.7480, 1.1900, 11.4780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

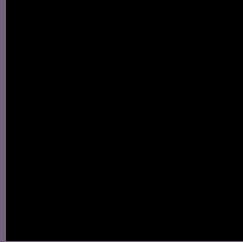
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.7480, 1.1900, 11.4780

Background



This preview shows how black text looks on a background with the YIQ color 106.7480, 1.1900, 11.4780.



This preview shows how white text looks on a background with the YIQ color 106.7480, 1.1900,

11.4780.

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

106.7480, 1.1900, 11.4780

Protanopia

105.2410, -10.6840, 6.4040

Deuteranopia

105.7040, -4.6780, 7.6900



Tritanopia

106.2010, 3.9880, 4.8200

Trichromacy



Original Color

106.7480, 1.1900, 11.4780

Protanomaly

105.7470, -6.2370, 8.4110

Deuteranomaly

106.0140, -2.6150, 8.8490

Tritanomaly

106.4830, 3.2540, 7.1100

Monochromacy



Original Color

106.7480, 1.1900, 11.4780

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.9340, 0.3660, 4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.7480, 1.1900, 11.4780 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(115, 99, 125)` looks like.

```
.text, #text, p{  
    color:rgb(115, 99, 125)  
}
```

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(115, 99, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 99, 125) }
```

Border

The CSS property to change the border of an element to YIQ 106.7480, 1.1900, 11.4780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

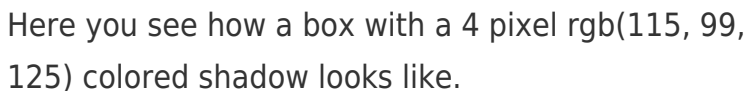
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 99, 125) }
```


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

```
.border{ border-color:rgb(115, 99, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 99, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 99, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 99, 125); box-shadow:4px 4px 4px 4px rgb(115, 99, 125) }
```

Background

The CSS property to change the background color of an element to YIQ 106.7480, 1.1900, 11.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 99, 125) }
```

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

```
.background{ background-color: rgb(115, 99,  
125) }
```

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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