

Converting Colors

YIQ(97.4980, -10.2700, -1.1020)

Have a look what the booklet for
YIQ(97.4980, -10.2700, -1.1020)
contains.

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Color

**YIQ(97.4980, -10.2700,
-1.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	57656B
RGB	87, 101, 107
RGB Percent	34%, 40%, 42%
CMY	0.6588, 0.6039, 0.5804
CMYK	0.19, 0.06, 0.00, 0.58
HSL	198°, 10%, 38%
HSV	198°, 19%, 42%
XYZ	11.2373, 12.3957, 15.7071
YIQ	97.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

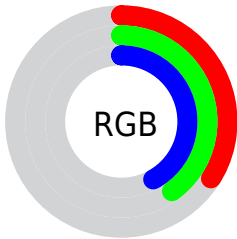
Format	Color
R_{YB}	87, 95, 107
Decimal	5727595
CIE _{Lab}	41.84, -3.90, -5.17
CIE _{LCh}	42, 6.477, 232.968
Yxy	12.3957, 0.2856, 0.3151
Android (android.graphics.Color)	4283917675 (0xFF57656B)
YUV	97.4980, 4.6845, -9.2067
Hunter-Lab	35.2075, -4.6408, -1.8057

Details

The YIQ color **97.4980, -10.2700, -1.1020** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.5020, 10.2700, 1.1020**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1990, -10.8660, -1.3140**, and **50.7970, -9.6740, -0.8900** is the 20% darker color. If you saturate the color by 10%, you get **92.4480, -16.0010, -1.8650**, and if you desaturate by 10%, it is **102.5480, -4.5390, -0.3390**.

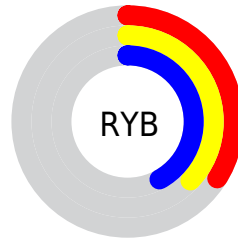
Distribution



Red (34%)

Green (40%)

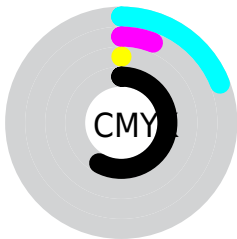
Blue (42%)



Red (34%)

Yellow (37%)

Blue (42%)

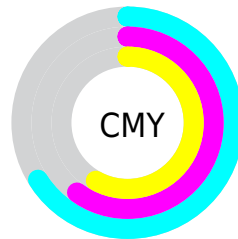


Cyan (19%)

Magenta (6%)

Yellow (0%)

Black (58%)



Cyan (66%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.4980, -10.2700, -1.1020 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 97.4980, -10.2700, -1.1020 by changing the saturation by 10% instead.

■ 97.4980, -10.2700,
-1.1020

■ 97.4980, -10.2700,
-1.1020

■ 255.0000, -0.0000,
-0.0000

■ 73.7970, -9.6740,
-0.8900

■ 148.1990,
-10.8660, -1.3140

■ 50.7970, -9.6740,
-0.8900

■ 174.9000,
-11.4620, -1.5260

■ 29.6830, -9.3530,
-1.2010

■ 202.3130,
-11.1870, -1.0030

■ 7.8080, -8.2070,
0.0570

■ 230.0140,
-11.7830, -1.2150

■ 0.0000, 0.0000,
0.0000

■ 252.6080, -4.7680,
-1.6960

■ 97.4980, -10.2700,
-1.1020

■ 97.4980, -10.2700,
-1.1020

■ 92.4480, -16.0010,
-1.8650

■ 102.5480, -4.5390,
-0.3390

■ 87.6970, -21.1360,
-2.4160

■ 107.2990, 0.5960,
0.2120

■ 82.0600, -26.5920,
-2.6560

■ 112.9360, 6.0520,
0.4520

■ 77.0100, -32.3230,
-3.4190

■ 117.9860, 11.7830,
1.2150

■ 71.9600, -38.0540,
-4.1820

■ 122.7370, 16.9180,
1.7660

■ 67.2090, -43.1890,
-4.7330

■ 127.7870, 22.6490,
2.5290

■ 62.1590, -48.9200,
-5.4960

■ 132.8370, 28.3800,
3.2920

■ 56.5220, -54.3760,

■ 138.4740, 33.8360,

-5.7360

3.5320

■ 56.2230, -54.9720,
-5.9480

■ 143.2250, 38.9710,
4.0830

Harmonies

Analogous

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



97.3300, -9.8570, -3.0810



97.4980, -10.2700, -1.1020



98.6340, -7.6570, 1.1030

Triad

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



97.4980, -10.2700, -1.1020



99.7560, 6.7390, 4.5230



98.4470, 2.9350, -3.6330

Complementary

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



97.4980, -10.2700, -1.1020



96.5020, 10.2700, 1.1020

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.



98.6540, 6.7860, -1.8380



97.4980, -10.2700, -1.1020



99.4850, 8.9400, 3.1800

Square

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



97.4980, -10.2700, -1.1020



99.7170, 2.4750, 4.7070



99.2030, 9.6740, 0.8900



97.5820, -1.8790, -4.4950

Rectangle

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



97.4980, -10.2700, -1.1020



98.6560, -4.7230, 2.9970



99.2030, 9.6740, 0.8900



98.3440, 4.7230, -2.9970

Sweetspot

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



97.4980, -10.2700, -1.1020



136.4340, -4.2180, -0.6500



99.4240, -7.4260, -8.5940



68.9180, -2.7050, -0.5370



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



97.4980, -10.2700, -1.1020



125.4480, -16.0010, -1.8650



91.6280, -7.5200, 4.1280



51.0320, -3.0260, -0.2260



61.4720, -60.1070, -6.4990



128.8940, -125.9450, -13.7610

Inverse Universe

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



94.5760, 7.4260, 8.5940



120.7770, 11.4140, 13.4140



102.3720, 7.5200, -4.1280



50.2500, 2.2920, 2.5160



44.3310, 43.4100, 50.3060



92.8630, 90.8080, 105.4320

Previews

White Background



This preview shows how the YIQ color 97.4980, -10.2700, -1.1020 looks on a white background.

Color Contrast Check

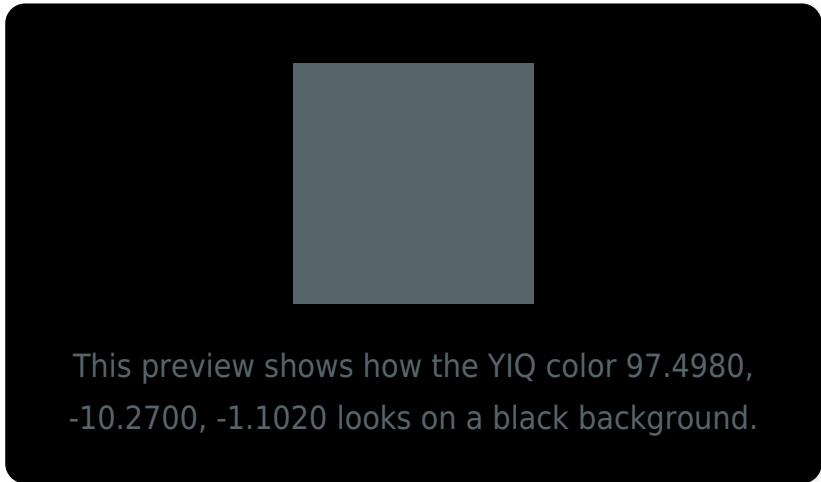
Large Text (above 18pt) WCAG AA ✓ Pass

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

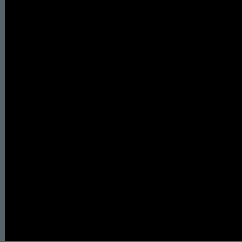
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

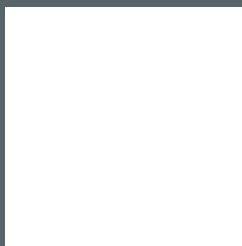
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 97.4980, -10.2700, -1.1020

Background



This preview shows how black text looks on a background with the YIQ color 97.4980, -10.2700, -1.1020.



This preview shows how white text looks on a background with the YIQ color 97.4980, -10.2700,

-1.1020.

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

97.4980, -10.2700, -1.1020

Protanopia

98.7980, -2.2470, 2.1770

Deuteranopia

99.7600, 0.9160, 5.4280



Tritanopia

97.7260, -10.9120, -0.4800

Trichromacy



Original Color

97.4980, -10.2700, -1.1020

Protanomaly

98.3030, -5.2270, 1.1170

Deuteranomaly

99.1400, -3.2100, 3.1100

Tritanomaly

97.6120, -10.5910, -0.7910

Monochromacy



Original Color

97.4980, -10.2700, -1.1020

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.8470, -3.9430, -0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.4980, -10.2700, -1.1020 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(87, 101, 107)` looks like.

```
.text, #text, p{  
    color:rgb(87, 101, 107)  
}
```

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(87, 101, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 101, 107) }
```

Border

The CSS property to change the border of an element to YIQ 97.4980, -10.2700, -1.1020 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(87, 101, 107) }
```


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

```
.border{ border-color:rgb(87, 101, 107) }
```

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

Here you see how a box with a 4 pixel rgb(87, 101, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 101, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 101, 107);  
box-shadow:4px 4px 4px 4px rgb(87, 101,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 97.4980, -10.2700, -1.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 101, 107) }
```

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

```
.background{ background-color: rgb(87, 101,  
107) }
```

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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