

Converting Colors

YIQ(95.3900, -10.0860, -4.4380)

Have a look what the booklet for
YIQ(95.3900, -10.0860, -4.4380)
contains.

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Color

**YIQ(95.3900, -10.0860,
-4.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	536563
RGB	83, 101, 99
RGB Percent	33%, 40%, 39%
CMY	0.6745, 0.6039, 0.6118
CMYK	0.18, 0.00, 0.02, 0.60
HSL	173°, 10%, 36%
HSV	173°, 18%, 40%
XYZ	10.4724, 12.0480, 13.5755
YIQ	95.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

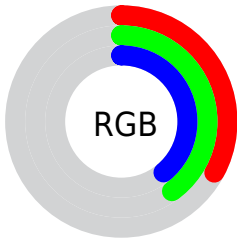
Format	Color
R_{YB}	83, 93, 101
Decimal	5465443
CIE Lab	41.29, -7.25, -1.13
CIE LCh	41, 7.336, 188.898
Yxy	12.0480, 0.2901, 0.3338
Android (android.graphics.Color)	4283655523 (0xFF536563)
YUV	95.3900, 1.7797, -10.8660
Hunter-Lab	34.7102, -6.8879, 1.1083

Details

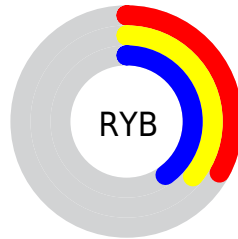
The YIQ color **95.3900, -10.0860, -4.4380** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.6100, 10.0860, 4.4380**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.0910, -10.6820, -4.6500**, and **49.1020, -9.2150, -3.7030** is the 20% darker color. If you saturate the color by 10%, you get **92.2860, -15.7250, -6.8690**, and if you desaturate by 10%, it is **98.4940, -4.4470, -2.0070**.

Distribution



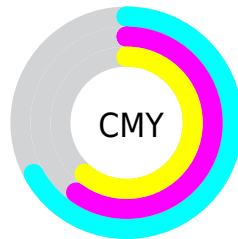
- Red (33%)
- Green (40%)
- Blue (39%)



- Red (33%)
- Yellow (36%)
- Blue (40%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (60%)



- Cyan (67%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.3900, -10.0860, -4.4380 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 95.3900, -10.0860, -4.4380 by changing the saturation by 10% instead.

■ 95.3900, -10.0860,
-4.4380

■ 95.3900, -10.0860,
-4.4380

■ 255.0000, -0.0000,
-0.0000

■ 71.6890, -9.4900,
-4.2260

■ 146.0910,
-10.6820, -4.6500

■ 49.1020, -9.2150,
-3.7030

■ 172.6780,
-10.9570, -5.1730

■ 27.9880, -8.8940,
-4.0140

■ 199.7920,
-11.2780, -4.8620

■ 6.0810, -4.7220,
-2.5300

■ 227.7920,
-11.2780, -4.8620

■ 0.0000, 0.0000,
0.0000

■ 251.1130, -7.7480,
-2.7560

■ 95.3900, -10.0860,
-4.4380

■ 95.3900, -10.0860,
-4.4380

■ 92.2860, -15.7250,
-6.8690

■ 98.4940, -4.4470,
-2.0070

■ 89.1820, -21.3640,
-9.3000

■ 101.5980, 1.1920,
0.4240

■ 86.0780, -27.0030,
-11.7310

■ 104.7020, 6.8310,
2.8550

■ 82.8600, -32.3210,
-14.4730

■ 107.9200, 12.1490,
5.5970

■ 79.4570, -38.5560,
-17.1160

■ 111.0240, 17.7880,
8.0280

■ 76.3530, -44.1950,
-19.5470

■ 114.4270, 24.0230,
10.6710

■ 73.2490, -49.8340,
-21.9780

■ 117.5310, 29.6620,
13.1020

■ 70.1450, -55.4730,

■ 120.6350, 35.3010,

-24.4090

15.5330

■ 69.5470, -56.6650,
-24.8330

■ 123.7390, 40.9400,
17.9640

Harmonies

Analogous

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



95.9020, -5.7760, -5.4560



95.3900, -10.0860, -4.4380



96.0740, -12.0120, -2.5720

Triad

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



95.3900, -10.0860, -4.4380



98.1620, -0.2760, 5.0040



97.8500, 9.1700, -0.9900

Complementary

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



95.3900, -10.0860, -4.4380



88.6100, 10.0860, 4.4380

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.



98.3280, 10.8200, 2.1480



95.3900, -10.0860, -4.4380



98.7990, 5.1800, 5.2440

Square

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



95.3900, -10.0860, -4.4380



97.1720, -6.2360, 2.8840



98.4250, 9.1690, 4.5370



97.2300, 5.0440, -3.3080

Rectangle

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



95.3900, -10.0860, -4.4380



96.3130, -11.1870, -1.0030



98.4250, 9.1690, 4.5370



97.9750, 10.3160, 0.2680

Sweetspot

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



95.3900, -10.0860, -4.4380



128.0920, -3.2550, -1.5830



94.1640, -3.7580, -8.9900



64.8040, -2.3840, -0.8480



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



95.3900, -10.0860, -4.4380



121.5850, -15.1290, -6.6570



91.5090, -8.8030, -0.1550



49.3910, -2.6590, -1.3710



79.1330, -64.3670, -28.4230



166.5640, -135.5650, -59.7010

Inverse Universe

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



88.6100, 10.0860, 4.4380



111.4150, 15.1290, 6.6570



92.4910, 8.8030, 0.1550



47.4950, 2.9800, 1.0600



35.8670, 64.3670, 28.4230



75.4360, 135.5650, 59.7010

Previews

White Background



This preview shows how the YIQ color 95.3900, -10.0860, -4.4380 looks on a white background.

Color Contrast Check

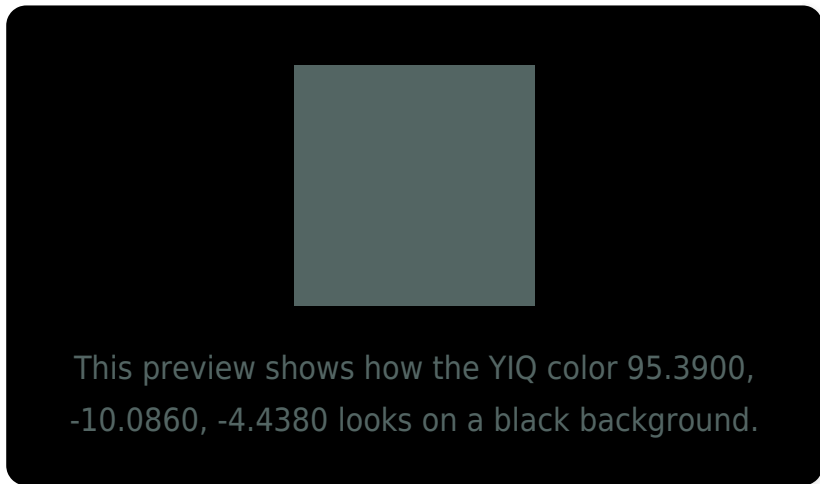
Large Text (above 18pt) WCAG AA ✓ Pass

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

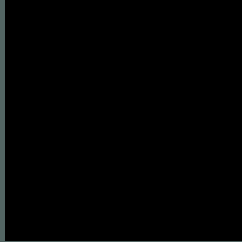
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

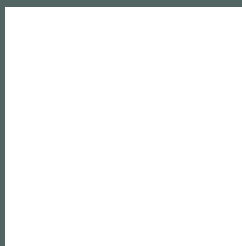
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 95.3900, -10.0860, -4.4380

Background



This preview shows how black text looks on a background with the YIQ color 95.3900, -10.0860, -4.4380.



This preview shows how white text looks on a background with the YIQ color 95.3900, -10.0860,

-4.4380.

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

95.3900, -10.0860, -4.4380

Protanopia

97.5980, 1.1920, 0.4240

Deuteranopia

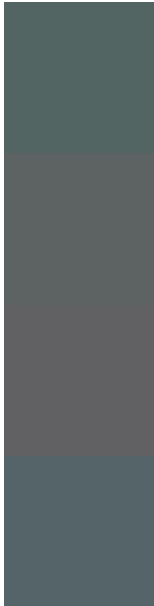
97.9730, 4.6300, 4.1980



Tritanopia

96.4270, -11.5080, -0.6920

Trichromacy



Original Color

95.3900, -10.0860, -4.4380

Protanomaly

96.5050, -2.9800, -1.0600

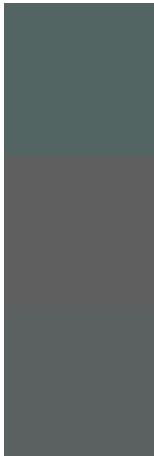
Deuteranomaly

97.3420, -0.9630, 0.9330

Tritanomaly

95.7860, -11.1410, -1.8370

Monochromacy



Original Color

95.3900, -10.0860, -4.4380

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.0920, -3.2550, -1.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.3900, -10.0860, -4.4380 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(83, 101, 99)` looks like.

```
.text, #text, p{  
    color:rgb(83, 101, 99)  
}
```

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(83, 101, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 101, 99) }
```

Border

The CSS property to change the border of an element to YIQ 95.3900, -10.0860, -4.4380 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(83, 101, 99) }
```


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

```
.border{ border-color:rgb(83, 101, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 101, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 101, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 101, 99);  
box-shadow:4px 4px 4px 4px rgb(83, 101,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 95.3900, -10.0860, -4.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 101, 99) }
```

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

```
.background{ background-color: rgb(83, 101,  
99) }
```

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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