

Converting Colors

YIQ(93.4440, -10.1780, -2.7700)

Have a look what the booklet for
YIQ(93.4440, -10.1780, -2.7700)
contains.

YIQ(93.4440, -10.1780, -2.7700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(93.4440, -10.1780,
-2.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	526264
RGB	82, 98, 100
RGB Percent	32%, 38%, 39%
CMY	0.6785, 0.6157, 0.6079
CMYK	0.18, 0.02, 0.00, 0.61
HSL	187°, 10%, 36%
HSV	187°, 18%, 39%
XYZ	10.1469, 11.4499, 13.7291
YIQ	93.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

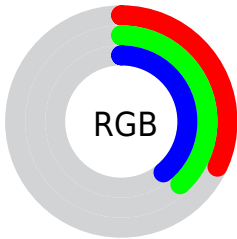
Format	Color
R_{YB}	82, 90, 100
Decimal	5399140
CIE _{Lab}	40.33, -5.60, -3.17
CIE _{LCh}	40, 6.437, 209.528
Yxy	11.4499, 0.2872, 0.3241
Android (android.graphics.Color)	4283589220 (0xFF526264)
YUV	93.4440, 3.2321, -10.0364
Hunter-Lab	33.8378, -5.6894, -0.3696

Details

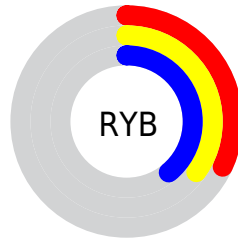
The YIQ color **93.4440, -10.1780, -2.7700** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.5560, 10.1780, 2.7700**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.1450, -10.7740, -2.9820**, and **47.6290, -9.2610, -2.8690** is the 20% darker color. If you saturate the color by 10%, you get **89.8670, -15.8630, -4.3670**, and if you desaturate by 10%, it is **97.0210, -4.4930, -1.1730**.

Distribution



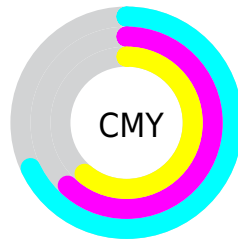
- Red (32%)
- Green (38%)
- Blue (39%)



- Red (32%)
- Yellow (35%)
- Blue (39%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (61%)



- Cyan (68%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.4440, -10.1780, -2.7700 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 93.4440, -10.1780, -2.7700 by changing the saturation by 10% instead.

■ 93.4440, -10.1780,
-2.7700

■ 93.4440, -10.1780,
-2.7700

■ 255.0000, -0.0000,
-0.0000

■ 69.7430, -9.5820,
-2.5580

■ 144.1450,
-10.7740, -2.9820

■ 47.6290, -9.2610,
-2.8690

■ 170.1450,
-10.7740, -2.9820

■ 26.0420, -8.9860,
-2.3460

■ 197.8460,
-11.3700, -3.1940

■ 2.7870, -3.7140,
1.2300

■ 225.8460,
-11.3700, -3.1940

■ 0.0000, 0.0000,
0.0000

■ 250.8140, -8.3440,
-2.9680

■ 93.4440, -10.1780,
-2.7700

■ 93.4440, -10.1780,
-2.7700

■ 89.8670, -15.8630,
-4.3670

■ 97.0210, -4.4930,
-1.1730

■ 86.2900, -21.5480,
-5.9640

■ 100.5980, 1.1920,
0.4240

■ 82.7130, -27.2330,
-7.5610

■ 104.1750, 6.8770,
2.0210

■ 79.1360, -32.9180,
-9.1580

■ 107.7520, 12.5620,
3.6180

■ 75.5590, -38.6030,
-10.7550

■ 111.9160, 17.9720,
4.6920

■ 71.3950, -44.0130,
-11.8290

■ 115.4930, 23.6570,
6.2890

■ 67.8180, -49.6980,
-13.4260

■ 119.0700, 29.3420,
7.8860

■ 64.2410, -55.3830,

■ 122.6470, 35.0270,

-15.0230

9.4830

■ 63.6430, -56.5750,
-15.4470

■ 126.2240, 40.7120,
11.0800

Harmonies

Analogous

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



93.1730, -7.9770, -4.1130



93.4440, -10.1780, -2.7700



93.9110, -9.9950, -0.5790

Triad

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



93.4440, -10.1780, -2.7700



95.9020, 3.3920, 4.6080



95.3550, 6.1900, -2.0500

Complementary

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



93.4440, -10.1780, -2.7700



88.5560, 10.1780, 2.7700

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.



95.4910, 8.8030, 0.1550



93.4440, -10.1780, -2.7700



96.5280, 7.3810, 3.9010

Square

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



93.4440, -10.1780, -2.7700



95.7380, -2.0180, 3.5340



95.9580, 8.9860, 2.3460



94.2620, 2.0180, -3.5340

Rectangle

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



93.4440, -10.1780, -2.7700



94.6340, -7.6570, 1.1030



95.9580, 8.9860, 2.3460



95.0670, 7.0610, -1.3150

Sweetspot

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



93.4440, -10.1780, -2.7700



127.6190, -3.3010, -0.7490



92.7940, -5.5920, -8.7920



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.



93.4440, -10.1780, -2.7700



119.5680, -16.4590, -4.5790



88.1610, -7.7030, 1.9370



48.9180, -2.7050, -0.5370



72.9840, -64.9650, -17.5810



154.3800, -137.0820, -37.7060

Inverse Universe

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



89.2060, 5.5920, 8.7920



112.6350, 8.9380, 14.2340



93.8390, 7.7030, -1.9370



47.9510, 1.6960, 2.3040



46.0130, 35.7980, 56.1020



96.9820, 74.8960, 118.4800

Previews

White Background



This preview shows how the YIQ color 93.4440, -10.1780, -2.7700 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 93.4440, -10.1780, -2.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

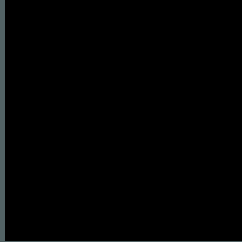
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.4440, -10.1780, -2.7700

Background



This preview shows how black text looks on a background with the YIQ color 93.4440, -10.1780, -2.7700.



This preview shows how white text looks on a background with the YIQ color 93.4440, -10.1780,

-2.7700.

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

93.4440, -10.1780, -2.7700

Protanopia

95.0540, -0.0920, 1.6680

Deuteranopia

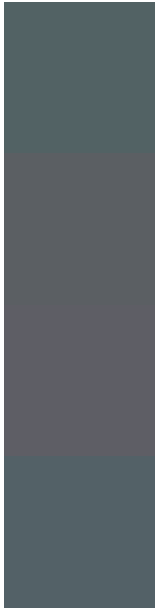
95.7170, 2.4750, 4.7070



Tritanopia

93.7260, -10.9120, -0.4800

Trichromacy



Original Color

93.4440, -10.1780, -2.7700

Protanomaly

94.2600, -3.6680, 0.3960

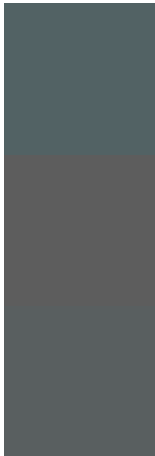
Deuteranomaly

94.7980, -2.2470, 2.1770

Tritanomaly

93.4980, -10.2700, -1.1020

Monochromacy



Original Color

93.4440, -10.1780, -2.7700

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.3200, -3.8970, -0.9610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.4440, -10.1780, -2.7700 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(82, 98, 100)` looks like.

```
.text, #text, p{  
    color:rgb(82, 98, 100)  
}
```

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(82, 98, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 98, 100) }
```

Border

The CSS property to change the border of an element to YIQ 93.4440, -10.1780, -2.7700 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(82, 98, 100) }
```


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

```
.border{ border-color:rgb(82, 98, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 98, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 98, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 98, 100);  
box-shadow:4px 4px 4px 4px rgb(82, 98,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 93.4440, -10.1780, -2.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 98, 100) }
```

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

```
.background{ background-color: rgb(82, 98,  
100) }
```

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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