

Converting Colors

YIQ(98.0480, -26.3180, 3.3940)

Have a look what the booklet for
YIQ(98.0480, -26.3180, 3.3940)
contains.

YIQ(98.0480, -26.3180, 3.3940)	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(98.0480, -26.3180,
3.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6785
RGB	75, 103, 133
RGB Percent	29%, 40%, 52%
CMY	0.7059, 0.5960, 0.4786
CMYK	0.44, 0.23, 0.00, 0.48
HSL	211°, 28%, 41%
HSV	211°, 44%, 52%
XYZ	11.9835, 12.8908, 24.0351
YIQ	98.0480, -26.3180, 3.3940

Conversions

Conversions Part 2

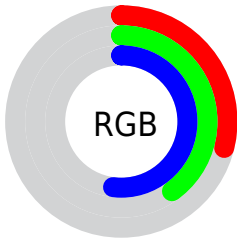
Format	Color
R_{YB}	75, 94, 133
Decimal	4941701
CIE _{Lab}	42.60, -1.86, -19.84
CIE _{LCh}	43, 19.928, 264.642
Yxy	12.8908, 0.2450, 0.2636
Android (android.graphics.Color)	4283131781 (0xFF4B6785)
YUV	98.0480, 17.2313, -20.2131
Hunter-Lab	35.9037, -3.2539, -14.5580

Details

The YIQ color **98.0480, -26.3180, 3.3940** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **109.9520, 26.3180, -3.3940**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.2760, -26.9600, 4.0160**, and **49.5100, -27.7390, 1.6130** is the 20% darker color. If you saturate the color by 10%, you get **90.0520, -32.1410, 4.2990**, and if you desaturate by 10%, it is **106.0440, -20.4950, 2.4890**.

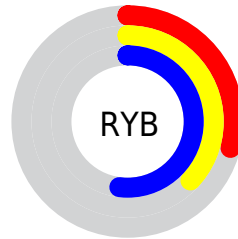
Distribution



Red (29%)

Green (40%)

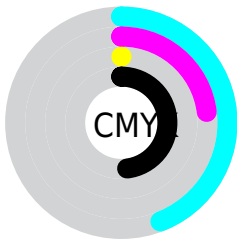
Blue (52%)



Red (29%)

Yellow (37%)

Blue (52%)

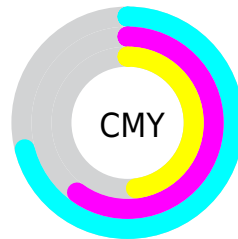


Cyan (44%)

Magenta (23%)

Yellow (0%)

Black (48%)



Cyan (71%)

Magenta (60%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.0480, -26.3180, 3.3940 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 98.0480, -26.3180, 3.3940 by changing the saturation by 10% instead.

■ 98.0480, -26.3180,
3.3940

■ 98.0480, -26.3180,
3.3940

■ 255.0000, -0.0000,
-0.0000

■ 73.6350, -26.5930,
2.8710

■ 149.2760,
-26.9600, 4.0160

■ 49.5100, -27.7390,
1.6130

■ 176.3900,
-27.2810, 4.3270

■ 27.3850, -28.8850,
0.3550

■ 203.5040,
-27.6020, 4.6380

■ 11.9630, -15.7730,
5.0190

■ 229.7940,
-22.7870, -0.0270

■ 2.4110, -5.4110,
4.4530

■ 249.6180,
-10.7280, -3.8160

■ 0.0000, 0.0000,
0.0000

■ 98.0480, -26.3180,
3.3940

■ 98.0480, -26.3180,
3.3940

■ 90.0520, -32.1410,
4.2990

■ 106.0440,
-20.4950, 2.4890

■ 81.7570, -38.5600,
4.9920

■ 114.3390,
-14.0760, 1.7960

■ 73.7610, -44.3830,
5.8970

■ 122.3350, -8.2530,
0.8910

■ 66.3520, -50.4810,
6.2790

■ 129.7440, -2.1550,
0.5090

■ 58.3560, -56.3040,
7.1840

■ 137.7400, 3.6680,
-0.3960

■ 52.7300, -60.2930,
7.8910

■ 146.0350, 10.0870,
-1.0890

■ 154.0310, 15.9100,
-1.9940

■ 162.0270, 21.7330,

-2.8990

■ 170.3220, 28.1520,
-3.5920

Harmonies

Analogous

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



93.4330, -38.0080, -5.0160



98.0480, -26.3180, 3.3940



101.3600, -9.4010, 10.6870

Triad

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



98.0480, -26.3180, 3.3940



102.3410, 27.1410, 9.2290



96.2510, -8.6170, -14.5450

Complementary

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



98.0480, -26.3180, 3.3940



109.9520, 26.3180, -3.3940

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.



98.3300, 7.3380, -11.8460



98.0480, -26.3180, 3.3940



101.2990, 26.9590, 1.5110

Square

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



98.0480, -26.3180, 3.3940



103.2680, 20.2170, 13.5690



100.2500, 19.4870, -6.2490



93.8670, -25.0310, -14.4310

Rectangle

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



98.0480, -26.3180, 3.3940



103.1010, 1.6940, 13.3580



100.2500, 19.4870, -6.2490



96.7140, -2.6110, -13.2590

Sweetspot

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



98.0480, -26.3180, 3.3940



159.9650, -10.0870, 1.0890



112.3520, -25.2590, -21.3150



78.7050, -6.4190, 0.6930



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



98.0480, -26.3180, 3.3940



119.0880, -40.9900, 4.9780



81.6120, -18.6180, 18.0380



62.4450, -2.7510, 0.2970



51.8010, -59.0550, 7.4810



0.9290, -1.2380, 0.4100

Inverse Universe

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



95.5340, 25.5800, 21.0040



114.9260, 39.5160, 32.7640



126.3880, 18.6180, -18.0380



62.1360, 2.6130, 2.2050



46.0520, 57.2570, 47.1530



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 98.0480, -26.3180, 3.3940 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 98.0480, -26.3180, 3.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

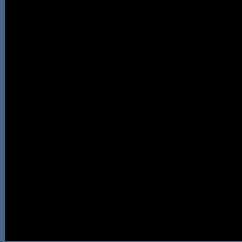
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

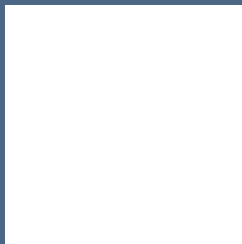
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 98.0480, -26.3180, 3.3940

Background



This preview shows how black text looks on a background with the YIQ color 98.0480, -26.3180, 3.3940.

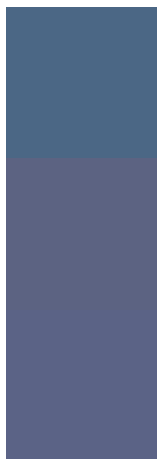


This preview shows how white text looks on a background with the YIQ color 98.0480, -26.3180,

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

98.0480, -26.3180, 3.3940

Protanopia

100.4410, -14.1230, 8.1570

Deuteranopia

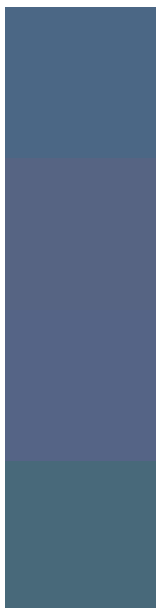
100.5980, -16.0030, 9.1890



Tritanopia

96.2620, -24.3450, -4.8330

Trichromacy



Original Color

98.0480, -26.3180, 3.3940

Protanomaly

99.3480, -18.2950, 6.6730

Deuteranomaly

99.3910, -19.8540, 7.3940

Tritanomaly

97.0710, -25.1250, -1.7090

Monochromacy



Original Color

98.0480, -26.3180, 3.3940

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.2640, -9.4910, 1.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.0480, -26.3180, 3.3940 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(75, 103, 133)` looks like.

```
.text, #text, p{  
    color:rgb(75, 103, 133)  
}
```

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(75, 103, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 103, 133) }
```

Border

The CSS property to change the border of an element to YIQ 98.0480, -26.3180, 3.3940 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(75, 103, 133) }
```


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

```
.border{ border-color:rgb(75, 103, 133) }
```

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

Here you see how a box with a 4 pixel rgb(75, 103, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 103, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 103, 133);  
box-shadow:4px 4px 4px 4px rgb(75, 103,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 98.0480, -26.3180, 3.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 103, 133) }
```

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

```
.background{ background-color: rgb(75, 103,  
133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor