

Converting Colors

YIQ(92.3780, -18.9800, -8.4520)

Have a look what the booklet for
YIQ(92.3780, -18.9800, -8.4520)
contains.

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Color

**YIQ(92.3780, -18.9800,
-8.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	456763
RGB	69, 103, 99
RGB Percent	27%, 40%, 39%
CMY	0.7295, 0.5960, 0.6118
CMYK	0.33, 0.00, 0.04, 0.60
HSL	173°, 20%, 34%
HSV	173°, 33%, 40%
XYZ	9.5557, 11.8683, 13.5869
YIQ	92.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

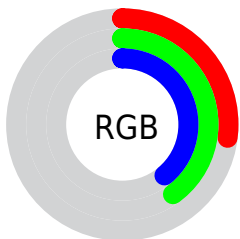
Format	Color
R_{YB}	69, 87, 103
Decimal	4548451
CIE _{Lab}	41.01, -13.22, -1.66
CIE _{LCh}	41, 13.325, 187.140
Yxy	11.8683, 0.2729, 0.3390
Android (android.graphics.Color)	4282738531 (0xFF456763)
YUV	92.3780, 3.2646, -20.5025
Hunter-Lab	34.4504, -10.7767, 0.7318

Details

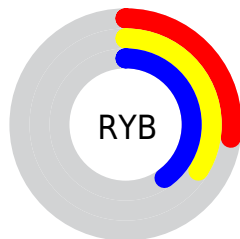
The YIQ color **92.3780, -18.9800, -8.4520** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **79.6220, 18.9800, 8.4520**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **143.0790, -19.5760, -8.6640**, and **45.4920, -19.3010, -8.1410** is the 20% darker color. If you saturate the color by 10%, you get **89.2740, -24.6190, -10.8830**, and if you desaturate by 10%, it is **95.4820, -13.3410, -6.0210**.

Distribution



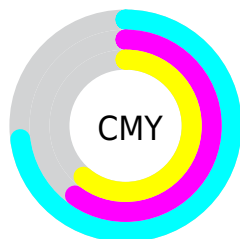
- Red (27%)
- Green (40%)
- Blue (39%)



- Red (27%)
- Yellow (34%)
- Blue (40%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (60%)



- Cyan (73%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.3780, -18.9800, -8.4520 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 92.3780, -18.9800, -8.4520 by changing the saturation by 10% instead.

92.3780, -18.9800,
-8.4520

92.3780, -18.9800,
-8.4520

255.0000, -0.0000,
-0.0000

68.3780, -18.9800,
-8.4520

143.0790,
-19.5760, -8.6640

45.4920, -19.3010,
-8.1410

169.6660,
-19.8510, -9.1870

23.4920, -19.3010,
-8.1410

197.0680,
-21.0430, -9.6110

5.0210, -4.4930,
-1.1730

225.0680,
-21.0430, -9.6110

0.0000, 0.0000,
0.0000

246.6280,
-16.6880, -5.9360

■ 92.3780, -18.9800,
-8.4520

■ 92.3780, -18.9800,
-8.4520

■ 89.2740, -24.6190,
-10.8830

■ 95.4820, -13.3410,
-6.0210

■ 85.8710, -30.8540,
-13.5260

■ 98.8850, -7.1060,
-3.3780

■ 82.6530, -36.1720,
-16.2680

■ 102.1030, -1.7880,
-0.6360

■ 79.5490, -41.8110,
-18.6990

■ 105.2070, 3.8510,
1.7950

■ 76.1460, -48.0460,
-21.3420

■ 108.3110, 9.4900,
4.2260

■ 73.0420, -53.6850,
-23.7730

■ 111.7140, 15.7250,
6.8690

■ 70.8350, -57.5360,
-25.5680

■ 114.9320, 21.0430,
9.6110

■ 118.0360, 26.6820,

12.0420

■ 121.4390, 32.9170,
14.6850

Harmonies

Analogous

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



93.2280, -9.8100, -9.4420



92.3780, -18.9800, -8.4520



92.3330, -23.1070, -5.2430

Triad

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



92.3780, -18.9800, -8.4520



98.0850, -1.3770, 8.4390



96.8570, 16.4600, -0.9480

Complementary

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



92.3780, -18.9800, -8.4520



79.6220, 18.9800, 8.4520

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.



97.6880, 18.6140, 4.0700



92.3780, -18.9800, -8.4520



98.5870, 8.8930, 9.5410

Square

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



92.3780, -18.9800, -8.4520



96.7030, -12.1050, 4.6230



98.5400, 16.2750, 7.9150



95.9870, 10.0420, -5.7820

Rectangle

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



92.3780, -18.9800, -8.4520



93.6260, -22.3740, -2.0060



98.5400, 16.2750, 7.9150



97.3950, 17.8810, 0.8330

Sweetspot

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



92.3780, -18.9800, -8.4520



130.9990, -7.4270, -3.0670



90.4530, -6.3700, -16.7220



66.4940, -4.4470, -2.0070



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



92.3780, -18.9800, -8.4520



118.1700, -30.2580, -13.3140



85.7900, -16.9640, -0.9320



49.3910, -2.6590, -1.3710



79.0190, -64.0460, -28.7340



166.4500, -135.2440, -60.0120

Inverse Universe

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



79.6220, 18.9800, 8.4520



97.8300, 30.2580, 13.3140



86.2100, 16.9640, 0.9320



47.6090, 2.6590, 1.3710



35.9810, 64.0460, 28.7340



75.6640, 134.9230, 60.3230

Previews

White Background



This preview shows how the YIQ color 92.3780, -18.9800, -8.4520 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 92.3780, -18.9800, -8.4520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

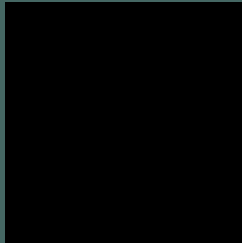
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.3780, -18.9800, -8.4520

Background



This preview shows how black text looks on a background with the YIQ color 92.3780, -18.9800, -8.4520.



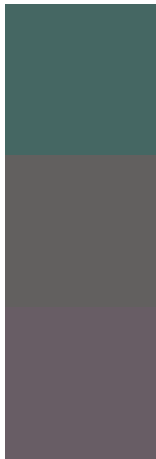
This preview shows how white text looks on a background with the YIQ color 92.3780, -18.9800,

-8.4520.

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

92.3780, -18.9800, -8.4520

Protanopia

96.4840, 1.5130, 0.1130

Deuteranopia

97.2010, 3.9880, 4.8200



Tritanopia

93.0560, -20.7690, -3.5610

Trichromacy



Original Color

92.3780, -18.9800, -8.4520

Protanomaly

95.0700, -6.1890, -3.4770

Deuteranomaly

95.5480, -4.5390, -0.3390

Tritanomaly

92.8880, -20.3560, -5.5400

Monochromacy



Original Color

92.3780, -18.9800, -8.4520

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.2980, -6.8310, -2.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.3780, -18.9800, -8.4520 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(69, 103, 99)` looks like.

```
.text, #text, p{  
    color:rgb(69, 103, 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(69, 103, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 103, 99) }
```

Border

The CSS property to change the border of an element to YIQ 92.3780, -18.9800, -8.4520 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(69, 103, 99) }
```


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

```
.border{ border-color:rgb(69, 103, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 103, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 103, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 103, 99);  
box-shadow:4px 4px 4px 4px rgb(69, 103,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 92.3780, -18.9800, -8.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 103, 99) }
```

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

```
.background{ background-color: rgb(69, 103,  
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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