

Converting Colors

YIQ(92.6450, -15.3580, -8.0140)

Have a look what the booklet for
YIQ(92.6450, -15.3580, -8.0140)
contains.

| | |
|--|----|
| YIQ(92.6450, -15.3580, -8.0140) | 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(92.6450, -15.3580,
-8.0140)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 496660 |
| RGB | 73, 102, 96 |
| RGB Percent | 29%, 40%, 38% |
| CMY | 0.7138, 0.5999, 0.6236 |
| CMYK | 0.28, 0.00, 0.06, 0.60 |
| HSL | 168°, 17%, 34% |
| HSV | 168°, 28%, 40% |
| XYZ | 9.6095, 11.7651, 12.8273 |
| YIQ | 92.6450, -15.3580, -8.0140 |

Conversions

Conversions Part 2

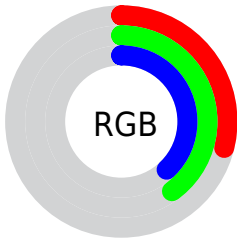
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 73, 89, 102 |
| Decimal | 4810336 |
| CIE _{Lab} | 40.84, -12.07, -0.04 |
| CIE _{LCh} | 41, 12.073, 180.206 |
| Yxy | 11.7651, 0.2810, 0.3440 |
| Android (android.graphics.Color) | 4283000416 (0xFF496660) |
| YUV | 92.6450, 1.6540, -17.2287 |
| Hunter-Lab | 34.3004, -10.0176, 1.8376 |

Details

The YIQ color **92.6450, -15.3580, -8.0140** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **82.3550, 15.3580, 8.0140**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.9330, -16.2290, -8.7490**, and **46.0580, -15.0830, -7.4910** is the 20% darker color. If you saturate the color by 10%, you get **89.4270, -20.6760, -10.7560**, and if you desaturate by 10%, it is **95.8630, -10.0400, -5.2720**.

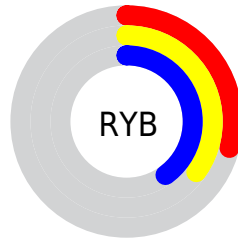
Distribution



Red (29%)

Green (40%)

Blue (38%)



Red (29%)

Yellow (35%)

Blue (40%)

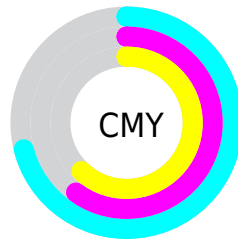


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (60%)



Cyan (71%)

Magenta (60%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.6450, -15.3580, -8.0140 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 92.6450, -15.3580, -8.0140 by changing the saturation by 10% instead.

92.6450, -15.3580,
-8.0140

92.6450, -15.3580,
-8.0140

255.0000, -0.0000,
-0.0000

68.9440, -14.7620,
-7.8020

142.9330,
-16.2290, -8.7490

46.0580, -15.0830,
-7.4910

169.6340,
-16.8250, -8.9610

24.7590, -15.6790,
-7.7030

196.6340,
-16.8250, -8.9610

3.8640, -2.6130,
-2.2050

225.2210,
-17.1000, -9.4840

0.0000, 0.0000,
0.0000

247.8240,
-14.3040, -5.0880

■ 92.6450, -15.3580,
-8.0140

■ 92.6450, -15.3580,
-8.0140

■ 89.4270, -20.6760,
-10.7560

■ 95.8630, -10.0400,
-5.2720

■ 86.2090, -25.9940,
-13.4980

■ 99.0810, -4.7220,
-2.5300

■ 82.6920, -31.9080,
-16.4520

■ 102.5980, 1.1920,
0.4240

■ 79.4740, -37.2260,
-19.1940

■ 105.8160, 6.5100,
3.1660

■ 76.1420, -42.2230,
-22.2470

■ 109.1480, 11.5070,
6.2190

■ 72.9240, -47.5410,
-24.9890

■ 112.3660, 16.8250,
8.9610

■ 69.7060, -52.8590,
-27.7310

■ 115.5840, 22.1430,
11.7030

■ 69.1080, -54.0510,

■ 119.1010, 28.0570,

-28.1550

14.6570

■ 122.3190, 33.3750,
17.3990

Harmonies

Analogous

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



93.6090, -6.5090, -8.6930



92.6450, -15.3580, -8.0140



92.8880, -20.3560, -5.5400

Triad

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



92.6450, -15.3580, -8.0140



97.3620, -3.7150, 6.7570



96.4980, 16.0930, 0.1970

Complementary

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



92.6450, -15.3580, -8.0140



82.3550, 15.3580, 8.0140

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.



97.7310, 17.0550, 4.7910



92.6450, -15.3580, -8.0140



98.0920, 5.9130, 8.4810

Square

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



92.6450, -15.3580, -8.0140



95.5780, -13.2510, 3.3650



97.9850, 13.5240, 8.2120



96.2260, 10.8670, -4.2130

Rectangle

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



92.6450, -15.3580, -8.0140



93.4690, -20.4940, -3.0380



97.9850, 13.5240, 8.2120



96.7370, 16.9180, 1.7660

Sweetspot

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



92.6450, -15.3580, -8.0140



129.0700, -6.1890, -3.4770



91.8170, -4.3990, -13.8950



63.7930, -3.8510, -1.7950



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.



92.6450, -15.3580, -8.0140



118.4050, -23.6100, -12.6500



88.6330, -15.0840, -1.9640



49.3910, -2.6590, -1.3710



77.8790, -60.8360, -31.8440



163.9420, -128.1820, -66.8540

Inverse Universe

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



82.3550, 15.3580, 8.0140



102.4810, 23.9310, 12.3390



86.3670, 15.0840, 1.9640



47.6090, 2.6590, 1.3710



37.1210, 60.8360, 31.8440



78.0580, 128.1820, 66.8540

Previews

White Background



This preview shows how the YIQ color 92.6450, -15.3580, -8.0140 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 92.6450, -15.3580, -8.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

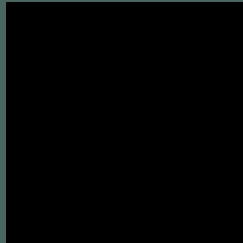
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.6450, -15.3580, -8.0140

Background



This preview shows how black text looks on a background with the YIQ color 92.6450, -15.3580, -8.0140.



This preview shows how white text looks on a background with the YIQ color 92.6450, -15.3580,

-8.0140.

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

92.6450, -15.3580, -8.0140

Protanopia

96.4410, 3.0720, -0.6080

Deuteranopia

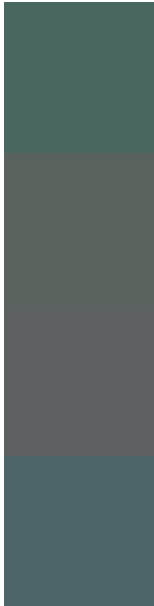
96.8590, 4.9510, 3.8870



Tritanopia

93.7360, -16.8720, -2.6000

Trichromacy



Original Color

92.6450, -15.3580, -8.0140

Protanomaly

95.0380, -3.1630, -3.2510

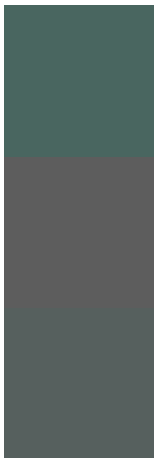
Deuteranomaly

95.2170, -2.1090, -0.3250

Tritanomaly

93.5680, -16.4590, -4.5790

Monochromacy



Original Color

92.6450, -15.3580, -8.0140

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.7820, -5.3180, -2.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.6450, -15.3580, -8.0140 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(73, 102, 96)` looks like.

```
.text, #text, p{  
    color:rgb(73, 102, 96)  
}
```

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(73, 102, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 102, 96) }
```

Border

The CSS property to change the border of an element to YIQ 92.6450, -15.3580, -8.0140 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(73, 102, 96) }
```


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

```
.border{ border-color:rgb(73, 102, 96) }
```

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

Here you see how a box with a 4 pixel rgb(73, 102, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 102, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 102, 96);  
box-shadow:4px 4px 4px 4px rgb(73, 102,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 92.6450, -15.3580, -8.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 102, 96) }
```

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

```
.background{ background-color: rgb(73, 102,  
96) }
```

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