

# Converting Colors

YIQ(91.3910, 14.5360, -10.1360)

Have a look what the booklet for  
YIQ(91.3910, 14.5360, -10.1360)  
contains.

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# Color

**YIQ(91.3910, 14.5360,  
-10.1360)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 635E3A                     |
| RGB           | 99, 94, 58                 |
| RGB Percent   | 39%, 37%, 23%              |
| CMY           | 0.6118, 0.6314, 0.7725     |
| CMYK          | 0.00, 0.05, 0.41, 0.61     |
| HSL           | 53°, 26%, 31%              |
| HSV           | 53°, 41%, 39%              |
| XYZ           | 9.9121, 10.9632, 5.5996    |
| YIQ           | 91.3910, 14.5360, -10.1360 |

# Conversions

## Conversions Part 2

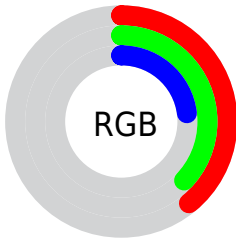
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 64, 99, 58                   |
| Decimal                             | 6512186                      |
| CIELab                              | 39.52, -3.95, 21.35          |
| CIELCh                              | 40, 21.709, 100.496          |
| Yxy                                 | 10.9632, 0.3744,<br>0.4141   |
| Android<br>(android.graphics.Color) | 4284702266<br>(0xFF635E3A)   |
| YUV                                 | 91.3910, -16.4618,<br>6.6731 |
| Hunter-Lab                          | 33.1108, -4.5078,<br>13.1506 |

# Details

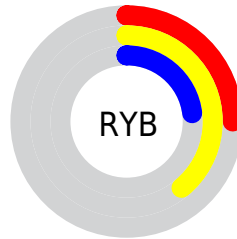
The YIQ color **91.3910, 14.5360, -10.1360** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **65.6090, -14.5360, 10.1360**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **141.7610, 16.3700, -10.3340**, and **45.1350, 12.3810, -9.6270** is the 20% darker color. If you saturate the color by 10%, you get **89.6640, 18.0210, -12.7230**, and if you desaturate by 10%, it is **93.1180, 11.0510, -7.5490**.

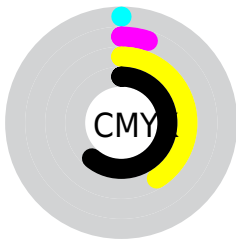
# Distribution



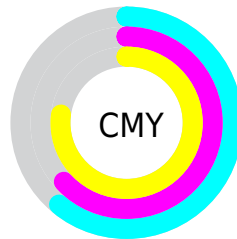
- Red (39%)
- Green (37%)
- Blue (23%)



- Red (25%)
- Yellow (39%)
- Blue (23%)



- Cyan (0%)
- Magenta (5%)
- Yellow (41%)
- Black (61%)



- Cyan (61%)
- Magenta (63%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 91.3910, 14.5360, -10.1360 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 91.3910, 14.5360, -10.1360 by changing the saturation by 10% instead.



91.3910, 14.5360,  
-10.1360

91.3910, 14.5360,  
-10.1360

255.0000, -0.0000,  
-0.0000

67.6190, 13.8940,  
-9.5140

141.7610, 16.3700,  
-10.3340

45.1350, 12.3810,  
-9.6270

168.5330, 17.0120,  
-10.9560

24.8190, 10.4550,  
-7.7610

195.4190, 17.3330,  
-11.2670

0.0000, 0.0000,  
0.0000

223.6040, 18.2500,  
-11.3660

250.0980, 13.8030,  
-13.3730

253.2900, 4.8150,

-4.6650

■ 91.3910, 14.5360,  
-10.1360

■ 91.3910, 14.5360,  
-10.1360

■ 89.6640, 18.0210,  
-12.7230

■ 93.1180, 11.0510,  
-7.5490

■ 87.9370, 21.5060,  
-15.3100

■ 94.8450, 7.5660,  
-4.9620

■ 85.6230, 25.2660,  
-17.3740

■ 97.1590, 3.8060,  
-2.8980

■ 83.8960, 28.7510,  
-19.9610

■ 98.8860, 0.3210,  
-0.3110

■ 82.2830, 31.9150,  
-22.2370

■ 100.6130, -3.1640,  
2.2760

■ 80.6700, 35.0790,  
-24.5130

■ 102.2260, -6.3280,  
4.5520

■ 103.9530, -9.8130,  
7.1390

■ 106.2670,  
-13.5730, 9.2030

■ 107.9940,  
-17.0580, 11.7900

# Harmonies

## Analogous

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



92.8810, 25.0800, -2.9840



91.3910, 14.5360, -10.1360



89.2580, -1.3270, -14.5030

# Triad

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



91.3910, 14.5360, -10.1360



82.5520, -45.8930, -10.7970



95.3970, 15.5400, 15.7320

# Complementary

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



91.3910, 14.5360, -10.1360



65.6090, -14.5360, 10.1360

# 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.



94.9590, -0.7820, 14.1780



91.3910, 14.5360, -10.1360



87.1390, -37.0000, -1.2560

# Square

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



91.3910, 14.5360, -10.1360



83.1090, -37.4560, -15.0240



92.8040, -19.5790, 7.9170



95.1500, 26.3610, 12.3530



# Rectangle

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



91.3910, 14.5360, -10.1360



87.2720, -13.1100, -15.7180



92.8040, -19.5790, 7.9170



96.0590, 10.6800, 15.7040

# Sweetspot

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



91.3910, 14.5360, -10.1360



125.0020, 5.6860, -3.9300



70.8290, 22.8310, 10.2470



62.3870, 3.1640, -2.2760



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000



# Same Dimension

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



91.3910, 14.5360, -10.1360



116.0080, 22.7440, -15.7200



89.8410, 4.2210, -15.9310



47.5440, 1.2840, -1.2440



91.6010, 39.5270, -28.0330



195.0300, 85.2900, -58.9500



# Inverse Universe

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



65.6090, -14.5360, 10.1360



75.9920, -22.7440, 15.7200



67.1590, -4.2210, 15.9310



44.4560, -1.2840, 1.2440



20.9860, -39.8020, 27.5100



44.3830, -85.0150, 59.4730



# Previews

## White Background



This preview shows how the YIQ color 91.3910, 14.5360, -10.1360 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 91.3910, 14.5360, -10.1360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

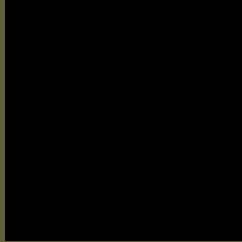
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 91.3910, 14.5360, -10.1360

## Background



This preview shows how black text looks on a background with the YIQ color 91.3910, 14.5360, -10.1360.



This preview shows how white text looks on a background with the YIQ color 91.3910, 14.5360, -10.1360.

-10.1360.

# 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

91.3910, 14.5360, -10.1360

### Protanopia

91.7010, 16.5990, -8.9770

### Deuteranopia

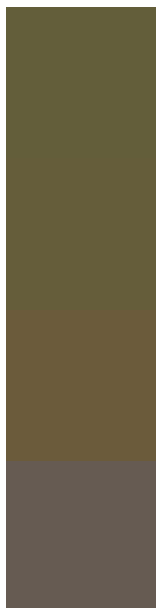
92.4570, 23.3380, -4.4540



## Tritanopia

93.9840, 6.0970, 5.1450

# Trichromacy



## Original Color

91.3910, 14.5360, -10.1360

## Protanomaly

91.4020, 16.0030, -9.1890

## Deuteranomaly

92.1360, 19.8080, -6.5600

## Tritanomaly

93.2630, 9.4450, -0.4670

# Monochromacy



## Original Color

91.3910, 14.5360, -10.1360

## Achromatopsia

91.0000, -0.0000, -0.0000

## Achromatomaly

91.1160, 5.3650, -3.6190

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 91.3910, 14.5360, -10.1360 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(99, 94, 58)` looks like.

```
.text, #text, p{  
    color:rgb(99, 94, 58)  
}
```

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(99, 94, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 94, 58) }
```

## Border

The CSS property to change the border of an element to YIQ 91.3910, 14.5360, -10.1360 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(99, 94, 58) }
```



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

```
.border{ border-color:rgb(99, 94, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 94, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 94, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 94, 58);  
box-shadow:4px 4px 4px 4px rgb(99, 94, 58)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 91.3910, 14.5360, -10.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 94, 58) }
```

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

```
.background{ background-color: rgb(99, 94,  
58) }
```

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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