

# Converting Colors

YIQ(91.5380, 1.4210, 1.7810)

Have a look what the booklet for  
YIQ(91.5380, 1.4210, 1.7810)  
contains.

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**Color**

**YIQ(91.5380, 1.4210, 1.7810)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E5A5D
RGB	94, 90, 93
RGB Percent	37%, 35%, 36%
CMY	0.6314, 0.6471, 0.6353
CMYK	0.00, 0.04, 0.01, 0.63
HSL	315°, 2%, 36%
HSV	315°, 4%, 37%
XYZ	10.2482, 10.4822, 11.8393
YIQ	91.5380, 1.4210, 1.7810

# Conversions

## Conversions Part 2

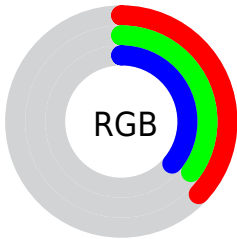
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 90, 93
Decimal	6183517
CIE Lab	38.69, 2.23, -1.16
CIE LCh	39, 2.512, 332.528
Yxy	10.4822, 0.3147, 0.3218
Android (android.graphics.Color)	4284373597 (0xFF5E5A5D)
YUV	91.5380, 0.7208, 2.1592
Hunter-Lab	32.3762, -0.1568, 0.9824

# Details

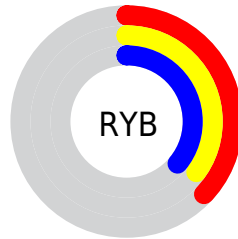
The YIQ color **91.5380, 1.4210, 1.7810** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92.4620, -1.4210, -1.7810**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **141.5380, 1.4210, 1.7810**, and **46.1250, 1.1460, 1.2580** is the 20% darker color. If you saturate the color by 10%, you get **86.0270, 4.5380, 5.8660**, and if you desaturate by 10%, it is **97.0490, -1.6960, -2.3040**.

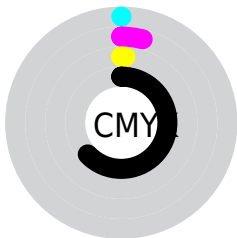
# Distribution



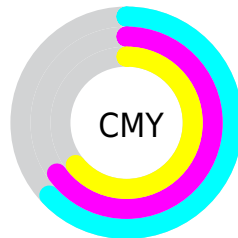
- Red (37%)
- Green (35%)
- Blue (36%)



- Red (37%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (63%)



- Cyan (63%)
- Magenta (65%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 91.5380, 1.4210, 1.7810 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 91.5380, 1.4210, 1.7810 by changing the saturation by 10% instead.



■ 91.5380, 1.4210,  
1.7810

■ 91.5380, 1.4210,  
1.7810

■ 255.0000, -0.0000,  
-0.0000

■ 68.1250, 1.1460,  
1.2580

■ 141.5380, 1.4210,  
1.7810

■ 45.5380, 1.4210,  
1.7810

■ 167.9510, 1.6960,  
2.3040

■ 25.1250, 1.1460,  
1.2580

■ 194.9510, 1.6960,  
2.3040

■ 0.0000, 0.0000,  
0.0000

■ 222.9510, 1.6960,  
2.3040

■ 251.9510, 1.6960,  
2.3040

■ 91.5380, 1.4210,  
1.7810

■ 91.5380, 1.4210,  
1.7810

■ 86.0270, 4.5380,  
5.8660

■ 97.0490, -1.6960,  
-2.3040

■ 79.8150, 8.2510,  
10.1630

■ 103.2610, -5.4090,  
-6.6010

■ 74.3040, 11.3680,  
14.2480

■ 108.7720, -8.5260,  
-10.6860

■ 68.2060, 14.7600,  
18.8560

■ 114.8700,  
-11.9180, -15.2940

■ 62.5810, 18.1980,  
22.6300

■ 120.4950,  
-15.3560, -19.0680

■ 57.0700, 21.3150,  
26.7150

■ 126.0060,  
-18.4730, -23.1530

■ 50.9720, 24.7070,  
31.3230

■ 132.1040,  
-21.8650, -27.7610

■ 45.3470, 28.1450,

■ 137.7290,

35.0970

-25.3030, -31.5350

■ 39.2490, 31.5370,  
39.7050

■ 143.8270,  
-28.6950, -36.1430

# Harmonies

## Analogous

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



91.7550, -0.6880, 1.4560



91.5380, 1.4210, 1.7810



91.6090, 2.6590, 1.3710

# Triad

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



91.5380, 1.4210, 1.7810



91.1420, 2.4760, -0.8200



90.3200, -3.8970, -0.9610

# Complementary

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



91.5380, 1.4210, 1.7810



92.4620, -1.4210, -1.7810

# 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.



90.3910, -2.6590, -1.3710



91.5380, 1.4210, 1.7810



90.9460, 0.0920, -1.6680

# Square

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



91.5380, 1.4210, 1.7810



91.2670, 3.6220, 0.4380



90.4620, -1.4210, -1.7810



90.8470, -3.9430, -0.1270



# Rectangle

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



91.5380, 1.4210, 1.7810



91.7940, 3.5760, 1.2720



90.4620, -1.4210, -1.7810



90.3200, -3.8970, -0.9610

# Sweetspot

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



91.5380, 1.4210, 1.7810



121.4130, 0.2750, 0.5230



90.7550, -0.6880, 1.4560



61.0000, 0.0000, -0.0000



189.0000, -0.0000, -0.0000

# Same Dimension

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



91.5380, 1.4210, 1.7810



118.3640, 1.9710, 2.8270



91.3100, 2.0630, 1.1590



44.1250, 1.1460, 1.2580



42.2380, 39.2380, 48.8220



91.1550, 84.1140, 105.6020



# Inverse Universe

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



91.5380, 1.4210, 1.7810



118.3640, 1.9710, 2.8270



92.6900, -2.0630, -1.1590



44.1250, 1.1460, 1.2580



42.2380, 39.2380, 48.8220



91.1550, 84.1140, 105.6020



# Previews

## White Background



This preview shows how the YIQ color 91.5380, 1.4210, 1.7810 looks on a white background.

## Color Contrast Check

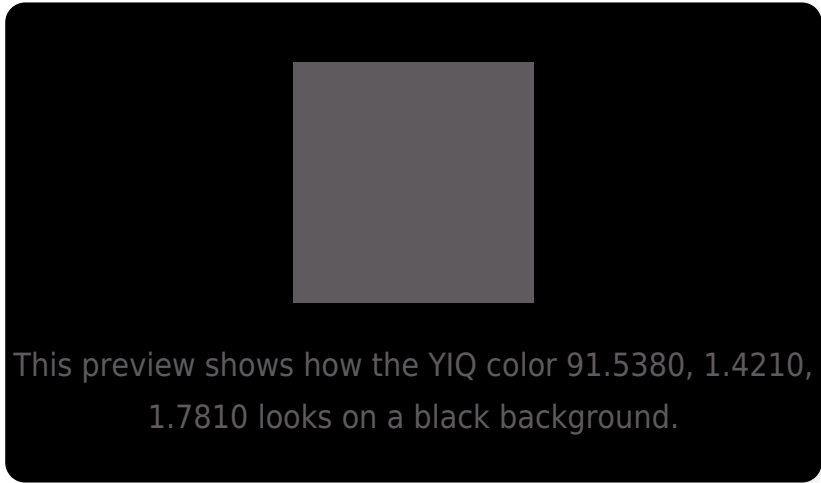
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 91.5380, 1.4210, 1.7810**

## **Background**



This preview shows how black text looks on a background with the YIQ color 91.5380, 1.4210, 1.7810.



This preview shows how white text looks on a background with the YIQ color 91.5380, 1.4210, 1.7810.

# 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

91.5380, 1.4210, 1.7810

### Protanopia

91.5270, -0.0460, 0.8340

### Deuteranopia

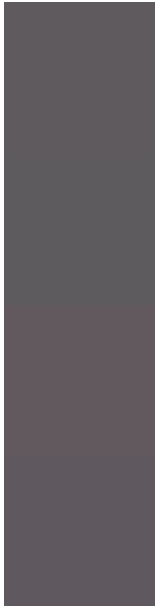
91.8590, 4.9510, 3.8870



## Tritanopia

91.5920, 1.3290, 3.4490

# Trichromacy



## Original Color

91.5380, 1.4210, 1.7810

## Protanomaly

91.8260, 0.5500, 1.0460

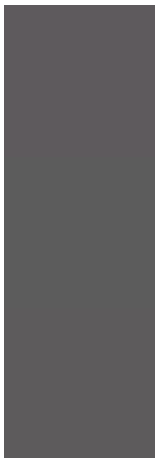
## Deuteranomaly

91.8480, 3.4840, 2.9400

## Tritanomaly

91.4780, 1.6500, 3.1380

# Monochromacy



## Original Color

91.5380, 1.4210, 1.7810

## Achromatopsia

92.0000, 0.0000, -0.0000

## Achromatomaly

91.7120, 0.8710, 0.7350

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 91.5380, 1.4210, 1.7810 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(94, 90, 93)` looks like.

```
.text, #text, p{  
    color:rgb(94, 90, 93)  
}
```

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(94, 90, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 90, 93) }
```

## Border

The CSS property to change the border of an element to YIQ 91.5380, 1.4210, 1.7810 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(94, 90, 93) }
```

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

```
.border{ border-color:rgb(94, 90, 93) }
```

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

Here you see how a box with a 4 pixel rgb(94, 90, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 90, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 90, 93);  
box-shadow:4px 4px 4px 4px rgb(94, 90, 93)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 91.5380, 1.4210, 1.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 90, 93) }
```

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

```
.background{ background-color: rgb(94, 90,  
93) }
```

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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