

# Converting Colors

YIQ(78.1400, 5.9580, 13.1740)

Have a look what the booklet for  
YIQ(78.1400, 5.9580, 13.1740)  
contains.

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# Color

**YIQ(78.1400, 5.9580,  
13.1740)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C445E
RGB	92, 68, 94
RGB Percent	36%, 27%, 37%
CMY	0.6391, 0.7334, 0.6314
CMYK	0.02, 0.28, 0.00, 0.63
HSL	295°, 16%, 32%
HSV	295°, 28%, 37%
XYZ	8.5024, 7.2175, 11.5349
YIQ	78.1400, 5.9580, 13.1740

# Conversions

## Conversions Part 2

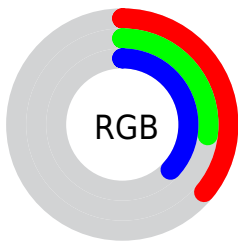
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 68, 94
Decimal	6046814
CIE Lab	32.30, 15.44, -11.36
CIE LCh	32, 19.171, 323.649
Yxy	7.2175, 0.3120, 0.2648
Android (android.graphics.Color)	4284236894 (0xFF5C445E)
YUV	78.1400, 7.8190, 12.1552
Hunter-Lab	26.8654, 9.4779, -6.6509

# Details

The YIQ color **78.1400, 5.9580, 13.1740** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **83.8600, -5.9580, -13.1740**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.2650, 7.1040, 14.4320**, and **33.3140, 5.4080, 12.1280** is the 20% darker color. If you saturate the color by 10%, you get **72.5580, 7.8370, 17.6690**, and if you desaturate by 10%, it is **83.7220, 4.0790, 8.6790**.

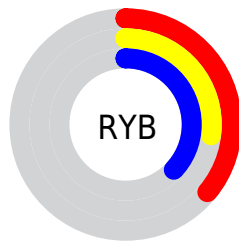
# Distribution



Red (36%)

Green (27%)

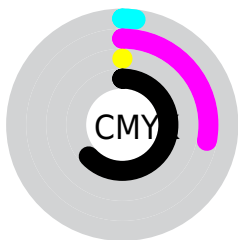
Blue (37%)



Red (36%)

Yellow (27%)

Blue (37%)

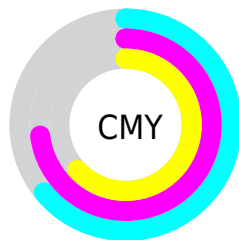


Cyan (2%)

Magenta (28%)

Yellow (0%)

Black (63%)



Cyan (64%)

Magenta (73%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 78.1400, 5.9580, 13.1740 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 78.1400, 5.9580, 13.1740 by changing the saturation by 10% instead.



78.1400, 5.9580,  
13.1740

78.1400, 5.9580,  
13.1740

255.0000, -0.0000,  
-0.0000

55.3140, 5.4080,  
12.1280

127.2650, 7.1040,  
14.4320

33.3140, 5.4080,  
12.1280

153.3790, 6.7830,  
14.7430

11.1510, 7.4250,  
14.1210

180.6780, 7.3790,  
14.9550

0.0000, 0.0000,  
0.0000

208.0910, 7.6540,  
15.4780

236.2050, 7.3330,  
15.7890

253.2390, 0.8250,

1.5690

■ 78.1400, 5.9580,  
13.1740

■ 78.1400, 5.9580,  
13.1740

■ 72.5580, 7.8370,  
17.6690

■ 83.7220, 4.0790,  
8.6790

■ 66.6880, 10.5870,  
22.8990

■ 89.5920, 1.3290,  
3.4490

■ 61.1060, 12.4660,  
27.3940

■ 95.1740, -0.5500,  
-1.0460

■ 54.9370, 14.6200,  
32.4120

■ 101.3430, -2.7040,  
-6.0640

■ 49.3550, 16.4990,  
36.9070

■ 106.9250, -4.5830,  
-10.5590

■ 44.0720, 18.9740,  
41.6140

■ 112.2080, -7.0580,  
-15.2660

■ 37.9030, 21.1280,  
46.6320

■ 118.3770, -9.2120,  
-20.2840

■ 36.7290, 21.6780,  
47.6780

■ 123.9590,  
-11.0910, -24.7790

■ 129.8290,  
-13.8410, -30.0090

# Harmonies

## Analogous

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



76.4200, -9.6300, 9.3300



78.1400, 5.9580, 13.1740



78.0720, 17.8330, 12.7210

# Triad

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



78.1400, 5.9580, 13.1740



75.2930, 17.9280, -5.5280



66.2170, -37.6400, -11.6880

# Complementary

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



78.1400, 5.9580, 13.1740



83.8600, -5.9580, -13.1740

# 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.



68.8780, -23.5640, -13.4840



78.1400, 5.9580, 13.1740



73.9710, 6.9710, -10.7010

# Square

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



78.1400, 5.9580, 13.1740



76.3310, 23.9330, 1.2850



71.7890, -7.1960, -12.7640



67.9060, -37.9620, -5.8500



# Rectangle

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



78.1400, 5.9580, 13.1740



77.8290, 22.8310, 10.2470



71.7890, -7.1960, -12.7640



66.8430, -33.6510, -12.3950

# Sweetspot

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



78.1400, 5.9580, 13.1740



116.7170, 2.4750, 4.7070



72.1380, -8.8960, 7.0400



57.4780, 1.6500, 3.1380



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000



# Same Dimension

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



78.1400, 5.9580, 13.1740



97.6230, 9.2120, 20.2840



77.4840, 10.6810, 10.1770



43.0650, 1.3750, 2.6150



42.7390, 24.8860, 55.6220



92.4990, 54.4470, 120.1350



# Inverse Universe

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



76.0020, 14.8540, 6.1340



94.3020, 22.8770, 9.4130



84.5160, -10.6810, -10.1770



42.6090, 2.6590, 1.3710



33.8020, 62.9920, 25.8080



72.9150, 135.4740, 55.8420



# Previews

## White Background



This preview shows how the YIQ color 78.1400, 5.9580, 13.1740 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 ✓ Pass



# Black Background



This preview shows how the YIQ color 78.1400, 5.9580, 13.1740 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

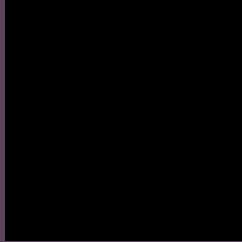
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 78.1400, 5.9580, 13.1740**

## **Background**



This preview shows how black text looks on a background with the YIQ color 78.1400, 5.9580, 13.1740.



This preview shows how white text looks on a background with the YIQ color 78.1400, 5.9580,



# 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

78.1400, 5.9580, 13.1740

### Protanopia

76.2410, -10.6840, 6.4040

### Deuteranopia

77.0520, -5.7780, 5.5980



## Tritanopia

77.3650, 9.3980, 5.8940

# Trichromacy



## Original Color

78.1400, 5.9580, 13.1740

## Protanomaly

76.6440, -4.4490, 9.0470

## Deuteranomaly

77.0850, -1.3770, 8.4390

## Tritanomaly

77.7610, 8.3430, 8.4950

# Monochromacy



## Original Color

78.1400, 5.9580, 13.1740

## Achromatopsia

78.0000, -0.0000, -0.0000

## Achromatomaly

77.8310, 2.1540, 5.0180

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 78.1400, 5.9580, 13.1740 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(92, 68, 94) looks like.

```
.text, #text, p{  
    color:rgb(92, 68, 94)  
}
```

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(92, 68, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 68, 94) }
```

## Border

The CSS property to change the border of an element to YIQ 78.1400, 5.9580, 13.1740 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(92, 68, 94) }
```



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

```
.border{ border-color:rgb(92, 68, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 68, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 68, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 68, 94);  
box-shadow:4px 4px 4px 4px rgb(92, 68, 94)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 78.1400, 5.9580, 13.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 68, 94) }
```

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

```
.background{ background-color: rgb(92, 68,  
94) }
```

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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