

# Converting Colors

YIQ(62.8140, 27.1870, 8.3950)

Have a look what the booklet for  
YIQ(62.8140, 27.1870, 8.3950)  
contains.

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# Color

**YIQ(62.8140, 27.1870,  
8.3950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E322F
RGB	94, 50, 47
RGB Percent	37%, 20%, 18%
CMY	0.6313, 0.8040, 0.8156
CMYK	0.00, 0.47, 0.50, 0.63
HSL	4°, 33%, 28%
HSV	4°, 50%, 37%
XYZ	6.2723, 4.8662, 3.3010
YIQ	62.8140, 27.1870, 8.3950

# Conversions

## Conversions Part 2

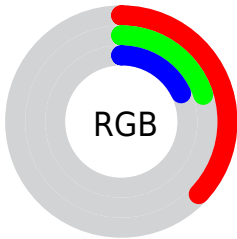
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 50, 47
Decimal	6173231
CIELab	26.35, 19.51, 10.65
CIELCh	26, 22.230, 28.640
Yxy	4.8662, 0.4344, 0.3370
Android (android.graphics.Color)	4284363311 (0xFF5E322F)
YUV	62.8140, -7.7963, 27.3501
Hunter-Lab	22.0594, 12.1499, 6.5694

# Details

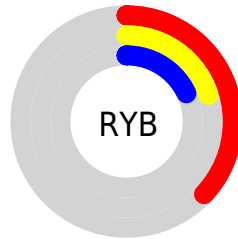
The YIQ color **62.8140, 27.1870, 8.3950** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **78.1860, -27.1870, -8.3950**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.4940, 31.0840, 9.3560**, and **17.2760, 25.7660, 6.6140** is the 20% darker color. If you saturate the color by 10%, you get **56.5050, 32.5510, 10.3030**, and if you desaturate by 10%, it is **69.1230, 21.8230, 6.4870**.

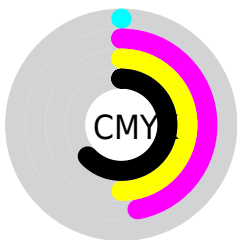
# Distribution



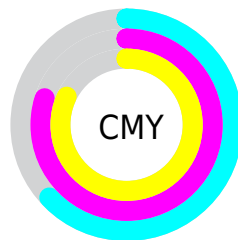
- Red (37%)
- Green (20%)
- Blue (18%)



- Red (37%)
- Yellow (20%)
- Blue (18%)



- Cyan (0%)
- Magenta (47%)
- Yellow (50%)
- Black (63%)



- Cyan (63%)
- Magenta (80%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 62.8140, 27.1870, 8.3950 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 62.8140, 27.1870, 8.3950 by changing the saturation by 10% instead.



■ 62.8140, 27.1870,  
8.3950

■ 62.8140, 27.1870,  
8.3950

■ 255.0000, -0.0000,  
-0.0000

■ 40.0310, 25.0780,  
8.0700

■ 111.4940, 31.0840,  
9.3560

■ 17.2760, 25.7660,  
6.6140

■ 137.0920, 32.2760,  
9.7800

■ 2.9900, 5.9600,  
2.1200

■ 163.5760, 33.7890,  
9.8930

■ 0.0000, 0.0000,  
0.0000

■ 191.1740, 34.9810,  
10.3170

■ 217.8640, 32.9180,  
9.1580

■ 237.4920, 16.2300,

3.2220

254.7720, 0.6420,  
-0.6220

■ 62.8140, 27.1870,  
8.3950

■ 62.8140, 27.1870,  
8.3950

■ 56.5050, 32.5510,  
10.3030

■ 69.1230, 21.8230,  
6.4870

■ 50.0820, 38.2360,  
11.9000

■ 75.5460, 16.1380,  
4.8900

■ 44.3600, 43.3250,  
13.2850

■ 81.2680, 11.0490,  
3.5050

■ 37.9370, 49.0100,  
14.8820

■ 87.6910, 5.3640,  
1.9080

■ 31.6280, 54.3740,  
16.7900

■ 94.0000, 0.0000,  
0.0000

■ 100.3090, -5.3640,  
-1.9080

■ 106.7320,  
-11.0490, -3.5050

■ 112.4540,  
-16.1380, -4.8900

■ 118.8770,  
-21.8230, -6.4870

# Harmonies

## Analogous

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



63.8660, 21.4090, 13.9930



62.8140, 27.1870, 8.3950



62.1740, 25.8130, 0.2530

# Triad

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



62.8140, 27.1870, 8.3950



56.2830, -11.6430, -14.7710



58.3790, -28.7480, 3.3800

# Complementary

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



62.8140, 27.1870, 8.3950



78.1860, -27.1870, -8.3950

# 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.



50.8770, -48.1860, -7.7860



62.8140, 27.1870, 8.3950



49.5280, -37.3180, -17.5260

# Square

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



62.8140, 27.1870, 8.3950



59.1340, 4.9540, -12.6940



50.5690, -44.5630, -12.8750



63.3710, -7.9340, 11.6340



# Rectangle

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



62.8140, 27.1870, 8.3950



61.2610, 20.9540, -5.3020



50.5690, -44.5630, -12.8750



55.2530, -37.3210, -0.9450

# Sweetspot

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



62.8140, 27.1870, 8.3950



109.9690, 10.4530, 3.2930



66.1830, 13.5670, 23.9590



53.8760, 6.2810, 1.8090



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.



62.8140, 27.1870, 8.3950



73.7620, 42.1330, 12.8610



76.3150, 20.8620, -3.6340



43.0820, 2.7050, 0.5370



36.9990, 63.6350, 19.6590



79.6680, 137.1270, 42.3990



# Inverse Universe

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



78.1860, -27.1870, -8.3950



97.8250, -42.4080, -13.3840



64.6850, -20.8620, 3.6340



44.5050, -2.9800, -1.0600



73.0010, -63.6350, -19.6590

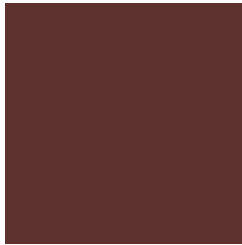


157.3320, -137.1270, -42.3990



# Previews

## White Background



This preview shows how the YIQ color 62.8140, 27.1870, 8.3950 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

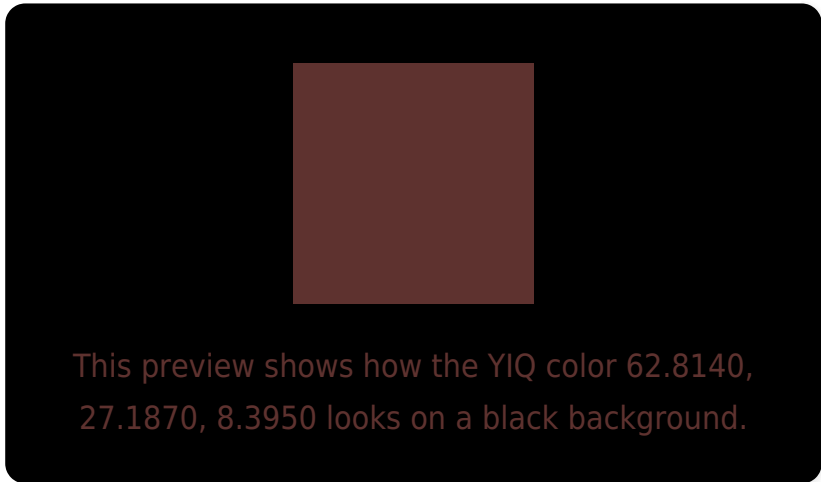
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

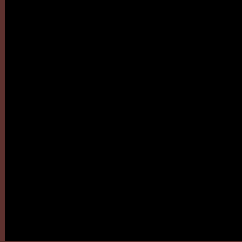
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 62.8140, 27.1870, 8.3950**

## **Background**



This preview shows how black text looks on a background with the YIQ color 62.8140, 27.1870, 8.3950.



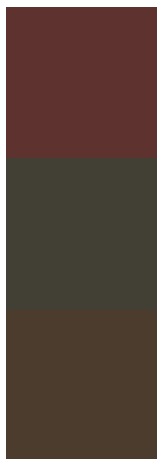
This preview shows how white text looks on a background with the YIQ color 62.8140, 27.1870,



# 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

62.8140, 27.1870, 8.3950

### Protanopia

62.7570, 4.9980, -2.4740

### Deuteranopia

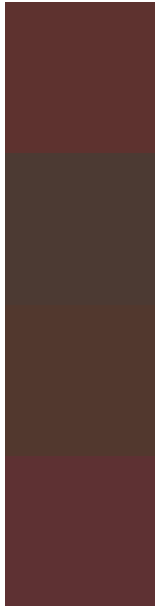
62.7750, 13.7550, -1.4850



## Tritanopia

62.9110, 25.5360, 10.7840

# Trichromacy



## Original Color

62.8140, 27.1870, 8.3950

## Protanomaly

62.5840, 12.9750, 1.6390

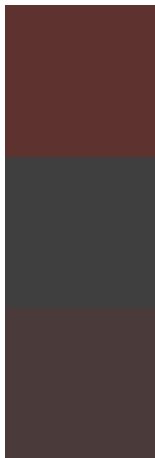
## Deuteranomaly

62.6340, 18.7060, 2.4020

## Tritanomaly

62.6830, 26.1780, 10.1620

# Monochromacy



## Original Color

62.8140, 27.1870, 8.3950

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

62.6700, 9.8570, 3.0810

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 62.8140, 27.1870, 8.3950 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, 50, 47)` looks like.

```
.text, #text, p{  
    color:rgb(94, 50, 47)  
}
```

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, 50, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 50, 47) }
```

## Border

The CSS property to change the border of an element to YIQ 62.8140, 27.1870, 8.3950 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, 50, 47) }
```



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

```
.border{ border-color:rgb(94, 50, 47) }
```

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

Here you see how a box with a 4 pixel rgb(94, 50, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 50, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 50, 47);  
box-shadow:4px 4px 4px 4px rgb(94, 50, 47)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 62.8140, 27.1870, 8.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 50, 47) }
```

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

```
.background{ background-color: rgb(94, 50,  
47) }
```

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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