

Converting Colors

YIQ(68.8080, 62.8550, 22.7830)

Have a look what the booklet for
YIQ(68.8080, 62.8550, 22.7830)
contains.

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Color

**YIQ(68.8080, 62.8550,
22.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	8F2526
RGB	143, 37, 38
RGB Percent	56%, 15%, 15%
CMY	0.4390, 0.8550, 0.8507
CMYK	0.00, 0.74, 0.73, 0.44
HSL	359°, 59%, 35%
HSV	359°, 74%, 56%
XYZ	12.3499, 7.3061, 2.5984
YIQ	68.8080, 62.8550, 22.7830

Conversions

Conversions Part 2

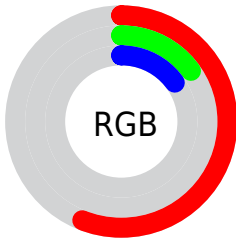
Format	Color
R_{YB}	143, 37, 38
Decimal	9381158
CIE _{Lab}	32.49, 44.22, 26.03
CIE _{LCh}	32, 51.314, 30.481
Yxy	7.3061, 0.5549, 0.3283
Android (android.graphics.Color)	4287571238 (0xFF8F2526)
YUV	68.8080, -15.1883, 65.0664
Hunter-Lab	27.0298, 34.2544, 13.2213

Details

The YIQ color **68.8080, 62.8550, 22.7830** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **111.1920, -62.8550, -22.7830**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.9890, 69.5950, 21.7790**, and **25.4150, 50.6600, 18.0200** is the 20% darker color. If you saturate the color by 10%, you get **58.9940, 71.1990, 25.7510**, and if you desaturate by 10%, it is **78.6220, 54.5110, 19.8150**.

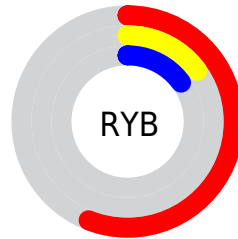
Distribution



Red (56%)

Green (15%)

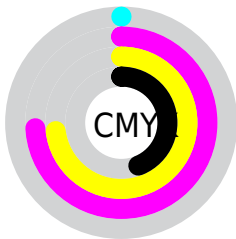
Blue (15%)



Red (56%)

Yellow (15%)

Blue (15%)

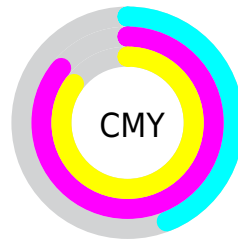


Cyan (0%)

Magenta (74%)

Yellow (73%)

Black (44%)



Cyan (44%)

Magenta (86%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.8080, 62.8550, 22.7830 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 68.8080, 62.8550, 22.7830 by changing the saturation by 10% instead.

68.8080, 62.8550,
22.7830

68.8080, 62.8550,
22.7830

255.0000, -0.0000,
-0.0000

37.3120, 61.6160,
28.7200

122.9890, 69.5950,
21.7790

25.7140, 51.2560,
18.2320

149.9570, 72.6210,
22.0050

17.4560, 34.2470,
12.6070

175.3480, 69.9620,
20.6340

7.2900, 13.9830,
5.3990

194.7480, 53.9160,
14.0760

0.0000, 0.0000,
0.0000

214.2620, 37.5490,
7.8290

234.4770, 20.5860,

1.3700

■ 253.5180, 4.1730,
-4.0430

■ 68.8080, 62.8550,
22.7830

■ 68.8080, 62.8550,
22.7830

■ 58.9940, 71.1990,
25.7510

■ 78.6220, 54.5110,
19.8150

■ 48.5930, 79.8180,
29.2420

■ 89.0230, 45.8920,
16.3240

■ 42.8710, 84.9070,
30.6270

■ 98.9510, 37.2270,
13.6670

■ 108.7650, 28.8830,
10.6990

■ 118.5790, 20.5390,
7.7310

■ 128.9800, 11.9200,
4.2400

■ 138.7940, 3.5760,
1.2720

■ 148.6080, -4.7680,
-1.6960

■ 159.0090,
-13.3870, -5.1870

Harmonies

Analogous

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



67.5090, 54.2320, 41.4000



68.8080, 62.8550, 22.7830



71.1220, 57.9540, -4.0460

Triad

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



68.8080, 62.8550, 22.7830



57.1790, -35.6180, -37.3300



65.5590, -72.9930, 6.7750

Complementary

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



68.8080, 62.8550, 22.7830



111.1920, -62.8550, -22.7830

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.



69.5880, -71.9370, -1.3530



68.8080, 62.8550, 22.7830



63.8420, -50.2460, -25.5260

Square

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



68.8080, 62.8550, 22.7830



66.0300, 7.3420, -33.9540



68.5160, -63.4070, -12.7750



76.7400, -21.5540, 27.1980

Rectangle

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



68.8080, 62.8550, 22.7830



72.1860, 42.7340, -14.5620



68.5160, -63.4070, -12.7750



67.7930, -73.7720, 4.3720

Sweetspot

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



68.8080, 62.8550, 22.7830



157.3730, 24.1150, 9.0030



80.1800, 27.9580, 55.0140



77.1760, 14.3040, 5.0880



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



68.8080, 62.8550, 22.7830



69.8620, 98.2940, 35.8140



98.6310, 49.1510, -4.2010



66.0930, 4.1720, 1.4840



40.4790, 80.1390, 28.9310



2.3920, 4.7680, 1.6960

Inverse Universe

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



68.8080, 62.8550, 22.7830



69.8620, 98.2940, 35.8140



81.3690, -49.1510, 4.2010



66.0930, 4.1720, 1.4840



40.4790, 80.1390, 28.9310



2.3920, 4.7680, 1.6960

Previews

White Background



This preview shows how the YIQ color 68.8080, 62.8550, 22.7830 looks on a white background.

Color Contrast Check

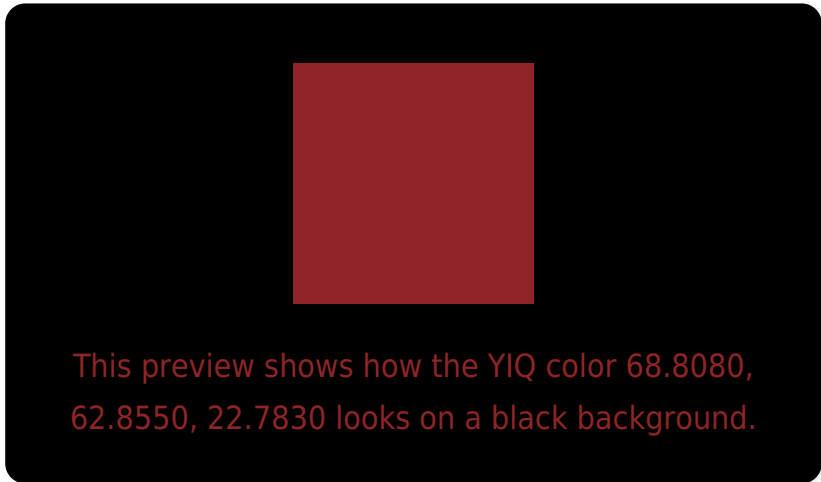
Large Text (above 18pt) WCAG AA ✓ Pass

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

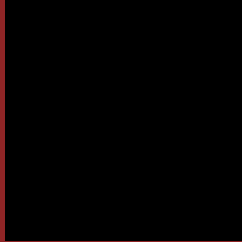
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 68.8080, 62.8550, 22.7830

Background



This preview shows how black text looks on a background with the YIQ color 68.8080, 62.8550, 22.7830.

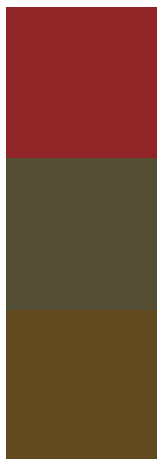


This preview shows how white text looks on a background with the YIQ color 68.8080, 62.8550,

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

68.8080, 62.8550, 22.7830

Protanopia

76.8300, 11.9220, -6.8140

Deuteranopia

75.9750, 27.5110, -8.4970



Tritanopia

68.8080, 62.8550, 22.7830

Trichromacy



Original Color

68.8080, 62.8550, 22.7830

Protanomaly

73.7340, 30.1680, 3.9280

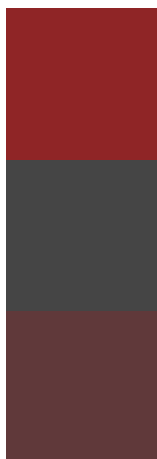
Deuteranomaly

73.7690, 40.2550, 2.8390

Tritanomaly

68.8080, 62.8550, 22.7830

Monochromacy



Original Color

68.8080, 62.8550, 22.7830

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

68.7750, 22.9230, 8.5790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.8080, 62.8550, 22.7830 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(143, 37, 38)` looks like.

```
.text, #text, p{  
    color:rgb(143, 37, 38)  
}
```

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(143, 37, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 37, 38) }
```

Border

The CSS property to change the border of an element to YIQ 68.8080, 62.8550, 22.7830 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(143, 37, 38) }
```


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

```
.border{ border-color:rgb(143, 37, 38) }
```

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

Here you see how a box with a 4 pixel rgb(143, 37, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 37, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 37, 38);  
box-shadow:4px 4px 4px 4px rgb(143, 37,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 68.8080, 62.8550, 22.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 37, 38) }
```

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

```
.background{ background-color: rgb(143, 37,  
38) }
```

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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