

Converting Colors

YIQ(91.8620, 27.2320, 13.0880)

Have a look what the booklet for
YIQ(91.8620, 27.2320, 13.0880)
contains.

YIQ(91.8620, 27.2320, 13.0880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(91.8620, 27.2320,
13.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4C54
RGB	126, 76, 84
RGB Percent	49%, 30%, 33%
CMY	0.5058, 0.7020, 0.6705
CMYK	0.00, 0.40, 0.33, 0.51
HSL	350°, 25%, 40%
HSV	350°, 40%, 49%
XYZ	12.7931, 10.2445, 9.6960
YIQ	91.8620, 27.2320, 13.0880

Conversions

Conversions Part 2

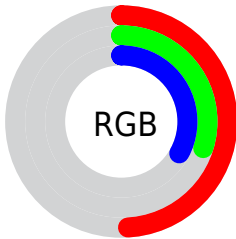
Format	Color
RYB	126, 76, 84
Decimal	8277076
CIELab	38.28, 22.29, 4.27
CIELCh	38, 22.691, 10.849
Yxy	10.2445, 0.3908, 0.3130
Android (android.graphics.Color)	4286467156 (0xFF7E4C54)
YUV	91.8620, -3.8760, 29.9390
Hunter-Lab	32.0071, 15.3334, 4.4441




Details

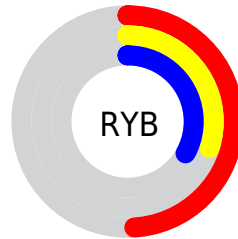
The YIQ color **91.8620, 27.2320, 13.0880** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110.1380, -27.2320, -13.0880**, and the grayscale version is **92.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **142.9440, 29.9370, 13.6250**, and **44.4810, 23.9310, 12.3390** is the 20% darker color. If you saturate the color by 10%, you get **82.9770, 34.3380, 16.4660**, and if you desaturate by 10%, it is **100.7470, 20.1260, 9.7100**.

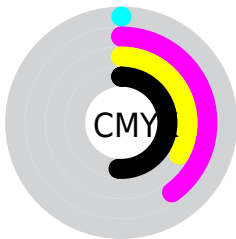
Distribution







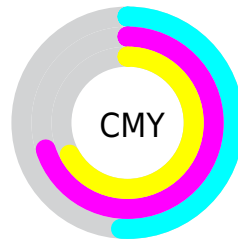
-  Red (49%)
-  Green (30%)
-  Blue (33%)






-  Red (49%)
-  Yellow (30%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (40%)
-  Yellow (33%)
-  Black (51%)



-  Cyan (51%)
-  Magenta (70%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.8620, 27.2320, 13.0880 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 91.8620, 27.2320, 13.0880 by changing the saturation by 10% instead.

91.8620, 27.2320,
13.0880

91.8620, 27.2320,
13.0880

255.0000, -0.0000,
-0.0000

67.9650, 25.4440,
12.4520

142.9440, 29.9370,
13.6250

44.4810, 23.9310,
12.3390

169.6560, 30.8080,
14.3600

22.1110, 22.0970,
12.5370

197.2540, 32.0000,
14.7840

8.4860, 16.3670,
6.2470

221.5630, 26.6360,
12.8760

0.0000, 0.0000,
0.0000

241.8920, 9.3520,
6.7280

■ 91.8620, 27.2320,
13.0880

■ 91.8620, 27.2320,
13.0880

■ 82.9770, 34.3380,
16.4660

■ 100.7470, 20.1260,
9.7100

■ 74.7930, 40.8480,
19.6320

■ 108.9310, 13.6160,
6.5440

■ 65.9080, 47.9540,
23.0100

■ 117.8160, 6.5100,
3.1660

■ 57.7240, 54.4640,
26.1760

■ 126.0000, 0.0000,
0.0000

■ 48.8390, 61.5700,
29.5540

■ 134.8850, -7.1060,
-3.3780

■ 40.0680, 68.3550,
33.2430


■ 143.6560,
-13.8910, -7.0670

■ 39.9540, 68.6760,
32.9320

■ 151.9540,
-20.7220, -9.9220

■ 160.8390,

-27.8280, -13.3000

 169.0230,
-34.3380, -16.4660

Harmonies

Analogous

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



93.1090, 16.4110, 16.4670



91.8620, 27.2320, 13.0880



90.7880, 30.0760, 5.5960

Triad

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



91.8620, 27.2320, 13.0880



86.1440, -1.0060, -14.8140



83.0570, -39.7050, -1.7930

Complementary

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



91.8620, 27.2320, 13.0880



110.1380, -27.2320, -13.0880

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.



77.0890, -51.8990, -12.0830



91.8620, 27.2320, 13.0880



82.7380, -20.3540, -16.5940

Square

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



91.8620, 27.2320, 13.0880



88.2770, 14.8570, -10.4470



78.3150, -41.0320, -16.2960



89.6190, -20.4960, 8.0160

Rectangle

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



91.8620, 27.2320, 13.0880



90.4300, 27.9680, -0.2560



78.3150, -41.0320, -16.2960



81.3120, -44.9770, -5.3690

Sweetspot

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



91.8620, 27.2320, 13.0880



150.0230, 10.3610, 4.9610



94.2580, 8.9820, 24.4540



73.8160, 6.5100, 3.1660



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



91.8620, 27.2320, 13.0880



109.6900, 42.6360, 20.2680



100.9290, 25.1250, 1.7090



59.2070, 3.8510, 1.7950



40.5520, 69.8680, 33.3560



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.8620, 27.2320, 13.0880



109.6900, 42.6360, 20.2680



101.0710, -25.1250, -1.7090



59.2070, 3.8510, 1.7950



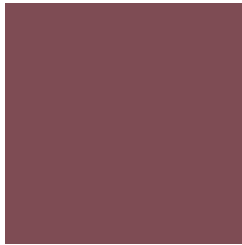
40.5520, 69.8680, 33.3560



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 91.8620, 27.2320, 13.0880 looks on a white background.

Color Contrast Check

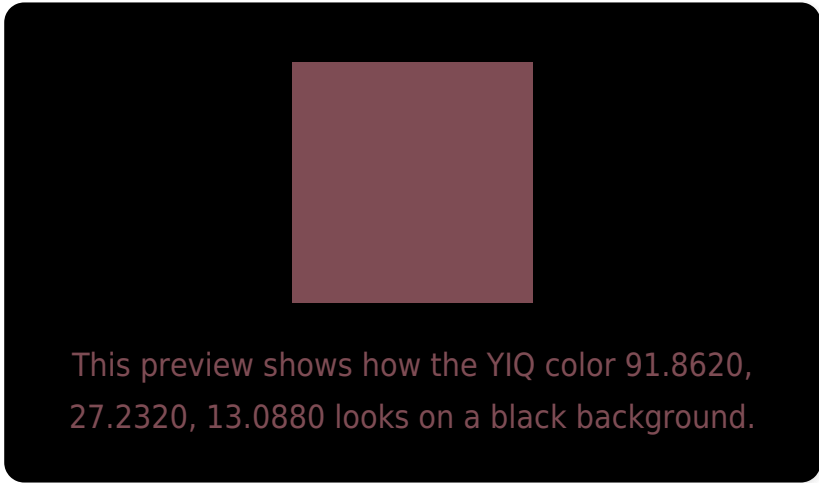
Large Text (above 18pt) WCAG AA ✓ Pass

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

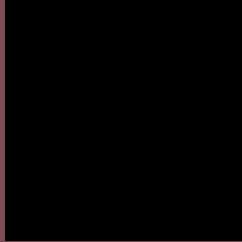
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.8620, 27.2320, 13.0880

Background



This preview shows how black text looks on a background with the YIQ color 91.8620, 27.2320, 13.0880.



This preview shows how white text looks on a background with the YIQ color 91.8620, 27.2320,

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

91.8620, 27.2320, 13.0880

Protanopia

90.8260, 0.5500, 1.0460

Deuteranopia

90.9150, 10.5450, 1.6250



Tritanopia

91.6340, 27.8740, 12.4660

Trichromacy



Original Color

91.8620, 27.2320, 13.0880

Protanomaly

91.1370, 10.0400, 5.2720

Deuteranomaly

91.3720, 16.6880, 5.9360

Tritanomaly

91.7480, 27.5530, 12.7770

Monochromacy



Original Color

91.8620, 27.2320, 13.0880

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

91.7240, 9.7650, 4.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.8620, 27.2320, 13.0880 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(126, 76, 84)` looks like.

```
.text, #text, p{  
    color:rgb(126, 76, 84)  
}
```

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(126, 76, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 76, 84) }
```

Border

The CSS property to change the border of an element to YIQ 91.8620, 27.2320, 13.0880 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(126, 76, 84) }
```


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

```
.border{ border-color:rgb(126, 76, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 76, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 76, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 76, 84);  
box-shadow:4px 4px 4px 4px rgb(126, 76,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 91.8620, 27.2320, 13.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 76, 84) }
```

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

```
.background{ background-color: rgb(126, 76,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor