

Converting Colors

YIQ(103.2800, 37.1380, -1.2460)

Have a look what the booklet for
YIQ(103.2800, 37.1380, -1.2460)
contains.

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Color

**YIQ(103.2800, 37.1380,
-1.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5E3C
RGB	138, 94, 60
RGB Percent	54%, 37%, 24%
CMY	0.4587, 0.6314, 0.7645
CMYK	0.00, 0.32, 0.56, 0.46
HSL	26°, 39%, 39%
HSV	26°, 56%, 54%
XYZ	15.3026, 13.7339, 6.1255
YIQ	103.2800, 37.1380, -1.2460

Conversions

Conversions Part 2

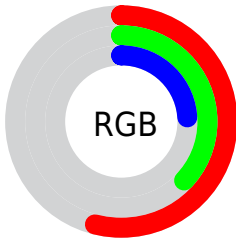
Format	Color
R_{YB}	138, 120, 60
Decimal	9068092
CIE _{Lab}	43.85, 14.04, 26.55
CIE _{LCh}	44, 30.035, 62.138
Yxy	13.7339, 0.4352, 0.3906
Android (android.graphics.Color)	4287258172 (0xFF8A5E3C)
YUV	103.2800, -21.3370, 30.4494
Hunter-Lab	37.0593, 8.8528, 16.1415

Details

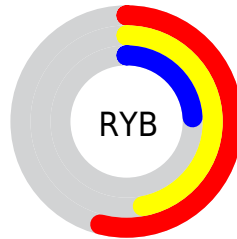
The YIQ color **103.2800, 37.1380, -1.2460** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **94.7200, -37.1380, 1.2460**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8460, 41.3560, -0.5960**, and **55.4150, 32.3240, -2.1080** is the 20% darker color. If you saturate the color by 10%, you get **96.9880, 43.8320, -1.4160**, and if you desaturate by 10%, it is **109.5720, 30.4440, -1.0760**.

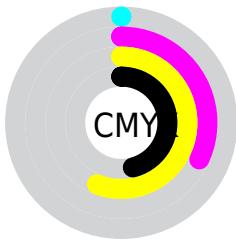
Distribution



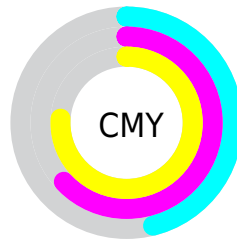
- Red (54%)
- Green (37%)
- Blue (24%)



- Red (54%)
- Yellow (47%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (56%)
- Black (46%)



- Cyan (46%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.2800, 37.1380, -1.2460 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 103.2800, 37.1380, -1.2460 by changing the saturation by 10% instead.

■ 103.2800, 37.1380,
-1.2460

■ 103.2800, 37.1380,
-1.2460

■ 255.0000, -0.0000,
-0.0000

■ 78.6110, 34.7080,
-1.2600

■ 154.8460, 41.3560,
-0.5960

■ 55.4150, 32.3240,
-2.1080

■ 182.3300, 42.8690,
-0.4830

■ 33.2020, 28.6100,
-0.8780

■ 209.8140, 44.3820,
-0.3700

■ 11.9380, 20.9060,
6.5860

■ 230.2250, 29.8030,
-5.9810

■ 0.0000, 0.0000,
0.0000

■ 250.4400, 12.8400,
-12.4400

■ 253.6320, 3.8520,

-3.7320

■ 103.2800, 37.1380,
-1.2460

■ 103.2800, 37.1380,
-1.2460

■ 96.9880, 43.8320,
-1.4160

■ 109.5720, 30.4440,
-1.0760

■ 90.6960, 50.5260,
-1.5860

■ 115.8640, 23.7500,
-0.9060

■ 85.1050, 56.6240,
-1.9680

■ 121.4550, 17.6520,
-0.5240

■ 78.8130, 63.3180,
-2.1380

■ 127.7470, 10.9580,
-0.3540

■ 76.4820, 65.7480,
-2.1240

■ 134.0390, 4.2640,
-0.1840

■ 140.3310, -2.4300,
-0.0140

■ 146.6230, -9.1240,
0.1560

■ 152.2140,
-15.2220, 0.5380

■ 158.5060,
-21.9160, 0.7080

Harmonies

Analogous

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



104.2240, 40.7120, 11.0800



103.2800, 37.1380, -1.2460



101.7850, 24.9900, -12.3700

Triad

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



103.2800, 37.1380, -1.2460



84.2370, -58.7280, -25.9920



105.2880, -8.8980, 18.0940

Complementary

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



103.2800, 37.1380, -1.2460



94.7200, -37.1380, 1.2460

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.



99.9960, -37.7350, 6.5610



103.2800, 37.1380, -1.2460



82.7980, -73.3090, -20.5490

Square

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



103.2800, 37.1380, -1.2460



94.7500, -20.6280, -22.6440



82.5020, -77.9870, -12.8590



106.7980, 16.0890, 22.3050

Rectangle

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



103.2800, 37.1380, -1.2460



99.9790, 12.5200, -17.6560



82.5020, -77.9870, -12.8590



104.5040, -18.4340, 14.7020

Sweetspot

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



103.2800, 37.1380, -1.2460



164.9000, 14.9010, -0.2270



88.3380, 32.3640, 30.2200



81.0780, 8.5280, -0.3680



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



103.2800, 37.1380, -1.2460



124.5890, 58.1370, -1.8550



126.1730, 26.4130, -21.6430



65.8540, 3.3470, -0.0850



73.8130, 63.3180, -2.1380



2.6690, 2.4300, 0.0140

Inverse Universe

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



94.7200, -37.1380, 1.2460



111.4110, -58.1370, 1.8550



71.8270, -26.4130, 21.6430



65.1460, -3.3470, 0.0850



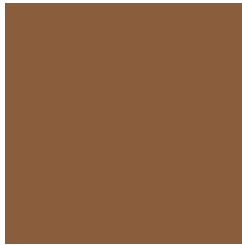
59.1870, -63.3180, 2.1380



2.3310, -2.4300, -0.0140

Previews

White Background



This preview shows how the YIQ color 103.2800, 37.1380, -1.2460 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



This preview shows how the YIQ color 103.2800, 37.1380, -1.2460 looks on a 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 103.2800, 37.1380, -1.2460

Background



This preview shows how black text looks on a background with the YIQ color 103.2800, 37.1380, -1.2460.



This preview shows how white text looks on a background with the YIQ color 103.2800, 37.1380,

-1.2460.

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

103.2800, 37.1380, -1.2460

Protanopia

102.4300, 18.8000, -10.3200

Deuteranopia

102.8120, 29.5280, -6.5040



Tritanopia

105.9330, 28.4700, 12.6780

Trichromacy



Original Color

103.2800, 37.1380, -1.2460

Protanomaly

102.6590, 25.5850, -6.6310

Deuteranomaly

102.8340, 32.4620, -4.6100

Tritanomaly

104.7390, 31.7720, 7.9000

Monochromacy



Original Color

103.2800, 37.1380, -1.2460

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.3020, 13.7090, -0.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.2800, 37.1380, -1.2460 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(138, 94, 60)` looks like.

```
.text, #text, p{  
    color:rgb(138, 94, 60)  
}
```

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(138, 94, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 94, 60) }
```

Border

The CSS property to change the border of an element to YIQ 103.2800, 37.1380, -1.2460 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(138, 94, 60) }
```


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

```
.border{ border-color:rgb(138, 94, 60) }
```

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

Here you see how a box with a 4 pixel rgb(138, 94, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 94, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 94, 60);  
box-shadow:4px 4px 4px 4px rgb(138, 94,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 103.2800, 37.1380, -1.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 94, 60) }
```

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

```
.background{ background-color: rgb(138, 94,  
60) }
```

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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