

Converting Colors

YIQ(98.4240, 37.2730, 12.8330)

Have a look what the booklet for
YIQ(98.4240, 37.2730, 12.8330)
contains.

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Color

**YIQ(98.4240, 37.2730,
12.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	8E504F
RGB	142, 80, 79
RGB Percent	56%, 31%, 31%
CMY	0.4430, 0.6864, 0.6900
CMYK	0.00, 0.44, 0.44, 0.44
HSL	1°, 28%, 43%
HSV	1°, 44%, 56%
XYZ	15.4412, 12.0527, 8.9169
YIQ	98.4240, 37.2730, 12.8330

Conversions

Conversions Part 2

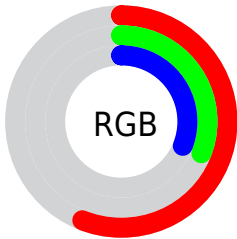
Format	Color
R_{YB}	142, 80, 79
Decimal	9326671
CIE _{Lab}	41.30, 25.84, 11.94
CIE _{LCh}	41, 28.468, 24.798
Yxy	12.0527, 0.4241, 0.3310
Android (android.graphics.Color)	4287516751 (0xFF8E504F)
YUV	98.4240, -9.5760, 38.2162
Hunter-Lab	34.7170, 18.6374, 9.0734

Details

The YIQ color **98.4240, 37.2730, 12.8330** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122.5760, -37.2730, -12.8330**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.1040, 41.1700, 13.7940**, and **49.9720, 32.7340, 12.4940** is the 20% darker color. If you saturate the color by 10%, you get **88.6100, 45.6170, 15.8010**, and if you desaturate by 10%, it is **108.2380, 28.9290, 9.8650**.

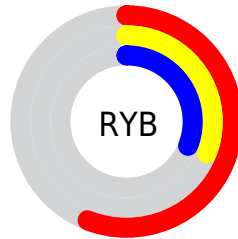
Distribution



Red (56%)

Green (31%)

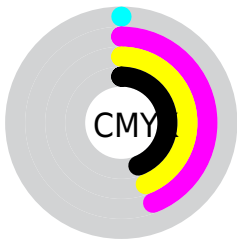
Blue (31%)



Red (56%)

Yellow (31%)

Blue (31%)

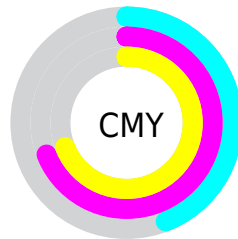


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (44%)



Cyan (44%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.4240, 37.2730, 12.8330 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 98.4240, 37.2730, 12.8330 by changing the saturation by 10% instead.

■ 98.4240, 37.2730,
12.8330

■ 98.4240, 37.2730,
12.8330

255.0000, -0.0000,
-0.0000

■ 73.6410, 35.1640,
12.5080

■ 150.1040, 41.1700,
13.7940

■ 49.9720, 32.7340,
12.4940

■ 177.5880, 42.6830,
13.9070

■ 26.1890, 30.6250,
12.1690

■ 204.8870, 43.2790,
14.1190

■ 12.5580, 25.0320,
8.9040

■ 224.4010, 26.9120,
7.8720

■ 0.0000, 0.0000,
0.0000

■ 244.1430, 9.9030,
2.2470

■ 98.4240, 37.2730,
12.8330

■ 98.4240, 37.2730,
12.8330

■ 88.6100, 45.6170,
15.8010

■ 108.2380, 28.9290,
9.8650

■ 78.7960, 53.9610,
18.7690

■ 118.0520, 20.5850,
6.8970

■ 68.8680, 62.6260,
21.4260

■ 127.9800, 11.9200,
4.2400

■ 59.0540, 70.9700,
24.3940

■ 137.7940, 3.5760,
1.2720

■ 49.2400, 79.3140,
27.3620

■ 147.6080, -4.7680,
-1.6960

■ 43.6320, 84.0820,
29.0580

■ 157.4220,
-13.1120, -4.6640

■ 167.2360,
-21.4560, -7.6320

■ 177.1640,

-30.1210, -10.2890

■ 186.9780,
-38.4650, -13.2570

Harmonies

Analogous

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



99.5620, 28.3770, 19.8730



98.4240, 37.2730, 12.8330



97.0890, 36.3580, 1.8780

Triad

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



98.4240, 37.2730, 12.8330



90.2240, -13.1550, -20.4110



91.2510, -43.0070, 2.9850

Complementary

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



98.4240, 37.2730, 12.8330



122.5760, -37.2730, -12.8330

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.



78.1990, -72.7600, -13.9760



98.4240, 37.2730, 12.8330



82.8430, -42.8190, -22.4590

Square

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



98.4240, 37.2730, 12.8330



93.8370, 10.0440, -16.8360



77.2070, -67.2110, -20.9310



98.6570, -14.4910, 14.8290

Rectangle

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



98.4240, 37.2730, 12.8330



96.4100, 30.7200, -6.0800



77.2070, -67.2110, -20.9310



87.1140, -53.0470, -2.2870

Sweetspot

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



98.4240, 37.2730, 12.8330



167.1760, 14.3040, 5.0880



105.0190, 17.3250, 32.9490



81.4850, 8.9400, 3.1800



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



98.4240, 37.2730, 12.8330



116.4760, 57.8580, 19.7300



116.6210, 28.7480, -3.3800



66.0930, 4.1720, 1.4840



41.5390, 79.9100, 27.5740



2.3920, 4.7680, 1.6960

Inverse Universe

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



122.5760, -37.2730, -12.8330



153.5240, -57.8580, -19.7300



104.9660, -29.0230, 2.8570



68.9070, -4.1720, -1.4840



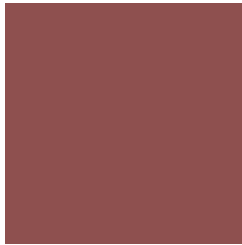
93.4610, -79.9100, -27.5740



5.6080, -4.7680, -1.6960

Previews

White Background



This preview shows how the YIQ color 98.4240, 37.2730, 12.8330 looks on a white background.

Color Contrast Check

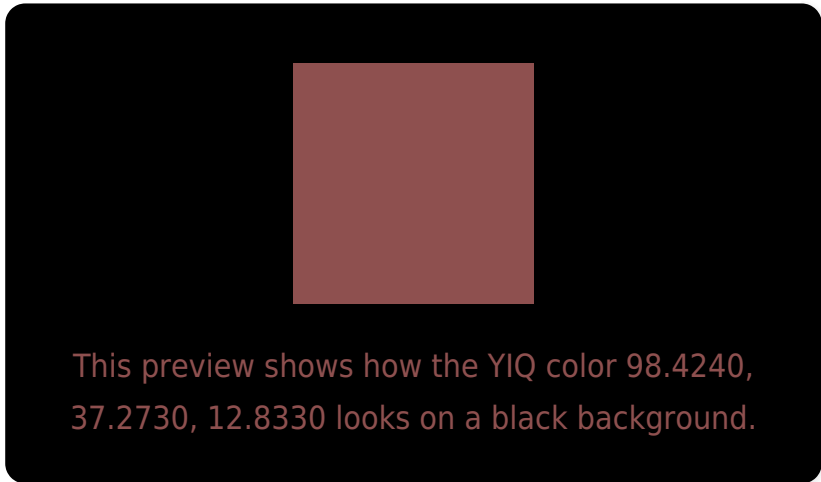
Large Text (above 18pt) WCAG AA ✓ Pass

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

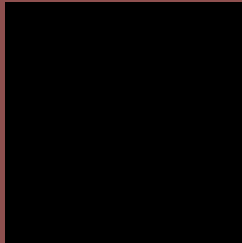
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.4240, 37.2730, 12.8330

Background



This preview shows how black text looks on a background with the YIQ color 98.4240, 37.2730, 12.8330.



This preview shows how white text looks on a background with the YIQ color 98.4240, 37.2730,

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

98.4240, 37.2730, 12.8330

Protanopia

98.0560, 5.5940, -2.2620

Deuteranopia

98.3410, 17.9730, -0.8350



Tritanopia

98.5210, 35.6220, 15.2220

Trichromacy



Original Color

98.4240, 37.2730, 12.8330

Protanomaly

98.0900, 17.4220, 3.6460

Deuteranomaly

98.5100, 24.9870, 4.2110

Tritanomaly

98.2930, 36.2640, 14.6000

Monochromacy



Original Color

98.4240, 37.2730, 12.8330

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.8770, 13.7080, 4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.4240, 37.2730, 12.8330 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(142, 80, 79)` looks like.

```
.text, #text, p{  
    color:rgb(142, 80, 79)  
}
```

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(142, 80, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 80, 79) }
```

Border

The CSS property to change the border of an element to YIQ 98.4240, 37.2730, 12.8330 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(142, 80, 79) }
```


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

```
.border{ border-color:rgb(142, 80, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 80, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 80, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 80, 79);  
box-shadow:4px 4px 4px 4px rgb(142, 80,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 98.4240, 37.2730, 12.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 80, 79) }
```

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

```
.background{ background-color: rgb(142, 80,  
79) }
```

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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