

Converting Colors

YIQ(99.5370, 37.5520, -8.7520)

Have a look what the booklet for
YIQ(99.5370, 37.5520, -8.7520)
contains.

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Color

**YIQ(99.5370, 37.5520,
-8.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	825F2B
RGB	130, 95, 43
RGB Percent	51%, 37%, 17%
CMY	0.4901, 0.6275, 0.8312
CMYK	0.00, 0.27, 0.67, 0.49
HSL	36°, 50%, 34%
HSV	36°, 67%, 51%
XYZ	13.7357, 13.1034, 4.0954
YIQ	99.5370, 37.5520, -8.7520

Conversions

Conversions Part 2

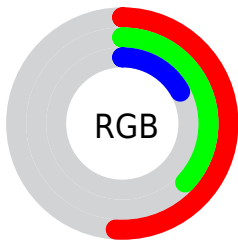
Format	Color
R_{YB}	102, 130, 43
Decimal	8544043
CIE Lab	42.92, 8.43, 34.57
CIE LCh	43, 35.586, 76.302
Yxy	13.1034, 0.4440, 0.4236
Android (android.graphics.Color)	4286734123 (0xFF825F2B)
YUV	99.5370, -27.8727, 26.7161
Hunter-Lab	36.1986, 4.3851, 18.6311

Details

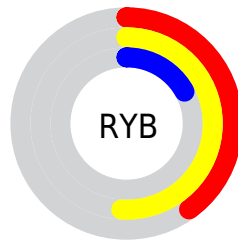
The YIQ color **99.5370, 37.5520, -8.7520** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **73.4630, -37.5520, 8.7520**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.1030, 41.7700, -8.1020**, and **51.7860, 32.4170, -9.3030** is the 20% darker color. If you saturate the color by 10%, you get **95.1200, 43.1000, -10.1800**, and if you desaturate by 10%, it is **103.9540, 32.0040, -7.3240**.

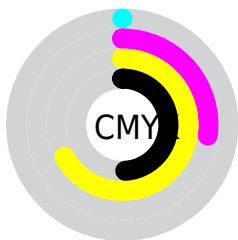
Distribution



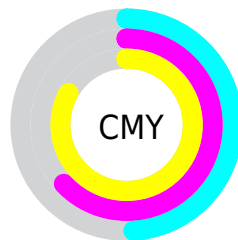
- Red (51%)
- Green (37%)
- Blue (17%)



- Red (40%)
- Yellow (51%)
- Blue (17%)



- Cyan (0%)
- Magenta (27%)
- Yellow (67%)
- Black (49%)



- Cyan (49%)
- Magenta (63%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.5370, 37.5520, -8.7520 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 99.5370, 37.5520, -8.7520 by changing the saturation by 10% instead.

■ 99.5370, 37.5520,
-8.7520

■ 99.5370, 37.5520,
-8.7520

■ 255.0000, -0.0000,
-0.0000

■ 74.7540, 35.4430,
-9.0770

■ 151.1030, 41.7700,
-8.1020

■ 51.7860, 32.4170,
-9.3030

■ 178.1740, 43.0080,
-8.5120

■ 31.9840, 23.2920,
-3.6200

■ 205.9570, 45.1170,
-8.1870

■ 10.7200, 15.5880,
3.8440

■ 228.7600, 35.3060,
-12.1020

■ 0.0000, 0.0000,
0.0000

■ 248.2740, 18.9390,
-18.3490

■ 251.4660, 9.9510,

-9.6410

254.7720, 0.6420,
-0.6220

■ 99.5370, 37.5520,
-8.7520

■ 99.5370, 37.5520,
-8.7520

■ 95.1200, 43.1000,
-10.1800

■ 103.9540, 32.0040,
-7.3240

■ 90.7030, 48.6480,
-11.6080

■ 108.3710, 26.4560,
-5.8960

■ 85.6990, 54.4710,
-12.5130

■ 113.3750, 20.6330,
-4.9910

■ 84.6560, 56.0300,
-13.2340

■ 117.7920, 15.0850,
-3.5630

■ 122.2090, 9.5370,
-2.1350

■ 126.6260, 3.9890,
-0.7070

■ 131.6300, -1.8340,
0.1980

■ 136.0470, -7.3820,
1.6260

■ 140.4640,
-12.9300, 3.0540

Harmonies

Analogous

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



100.6990, 46.4440, 6.3160



99.5370, 37.5520, -8.7520



97.2200, 19.0310, -20.0170

Triad

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



99.5370, 37.5520, -8.7520



81.4300, -69.4570, -24.2810



104.3330, 4.3970, 24.9490

Complementary

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



99.5370, 37.5520, -8.7520



73.4630, -37.5520, 8.7520

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.



100.3440, -29.6670, 14.5330



99.5370, 37.5520, -8.7520



83.2200, -77.2530, -15.1490

Square

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



99.5370, 37.5520, -8.7520



81.1960, -51.4830, -30.6430



81.4080, -80.4180, -7.3460



103.5610, 30.1180, 26.8700

Rectangle

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



99.5370, 37.5520, -8.7520



95.0160, 1.9300, -23.9740



81.4080, -80.4180, -7.3460



103.8910, -6.1020, 22.4900

Sweetspot

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



99.5370, 37.5520, -8.7520



156.6070, 14.1680, -3.4640



73.1170, 40.2960, 29.6400



77.0240, 8.6200, -2.0360



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



99.5370, 37.5520, -8.7520



121.0260, 57.8640, -13.4320



117.9890, 23.7550, -28.5410



61.4410, 3.0720, -0.6080



82.8840, 55.3880, -12.6120



0.0000, 0.0000, 0.0000

Inverse Universe

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



73.4630, -37.5520, 8.7520



80.9740, -57.8640, 13.4320



55.0110, -23.7550, 28.5410



59.5590, -3.0720, 0.6080



44.5290, -55.1130, 13.1350



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 99.5370, 37.5520, -8.7520 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 99.5370, 37.5520, -8.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

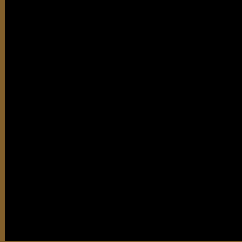
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.5370, 37.5520, -8.7520

Background



This preview shows how black text looks on a background with the YIQ color 99.5370, 37.5520, -8.7520.



This preview shows how white text looks on a background with the YIQ color 99.5370, 37.5520,

-8.7520.

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

99.5370, 37.5520, -8.7520

Protanopia

98.7910, 24.8530, -15.3950

Deuteranopia

99.5150, 34.6180, -10.6460



Tritanopia

103.2530, 24.5730, 11.7170

Trichromacy



Original Color

99.5370, 37.5520, -8.7520

Protanomaly

98.7100, 29.5750, -12.8650

Deuteranomaly

99.2270, 35.4890, -9.9110

Tritanomaly

101.9620, 29.5260, 4.5500

Monochromacy



Original Color

99.5370, 37.5520, -8.7520

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.7210, 13.8470, -3.1530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.5370, 37.5520, -8.7520 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(130, 95, 43)` looks like.

```
.text, #text, p{  
    color:rgb(130, 95, 43)  
}
```

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(130, 95, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 95, 43) }
```

Border

The CSS property to change the border of an element to YIQ 99.5370, 37.5520, -8.7520 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(130, 95, 43) }
```


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

```
.border{ border-color:rgb(130, 95, 43) }
```

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

Here you see how a box with a 4 pixel rgb(130, 95, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 95, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 95, 43);  
box-shadow:4px 4px 4px 4px rgb(130, 95,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 99.5370, 37.5520, -8.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 95, 43) }
```

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

```
.background{ background-color: rgb(130, 95,  
43) }
```

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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