

Converting Colors

YIQ(111.5320, 37.0890, 16.1690)

Have a look what the booklet for
YIQ(111.5320, 37.0890, 16.1690)
contains.

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Color

**YIQ(111.5320, 37.0890,
16.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5B62
RGB	157, 91, 98
RGB Percent	62%, 36%, 38%
CMY	0.3842, 0.6432, 0.6155
CMYK	0.00, 0.42, 0.38, 0.38
HSL	354°, 27%, 49%
HSV	354°, 42%, 62%
XYZ	19.8577, 15.5322, 13.5156
YIQ	111.5320, 37.0890, 16.1690

Conversions

Conversions Part 2

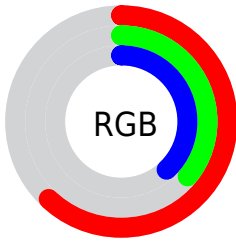
Format	Color
R_{YB}	157, 91, 98
Decimal	10312546
CIE _{Lab}	46.35, 27.92, 7.74
CIE _{LCh}	46, 28.971, 15.497
Yxy	15.5322, 0.4060, 0.3176
Android (android.graphics.Color)	4288502626 (0xFF9D5B62)
YUV	111.5320, -6.6713, 39.8754
Hunter-Lab	39.4109, 20.9704, 7.2546

Details

The YIQ color **111.5320, 37.0890, 16.1690** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **136.4680, -37.0890, -16.1690**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0270, 40.0690, 17.2290**, and **61.9660, 32.8710, 15.5190** is the 20% darker color. If you saturate the color by 10%, you get **100.5440, 45.9830, 20.1830**, and if you desaturate by 10%, it is **122.5200, 28.1950, 12.1550**.

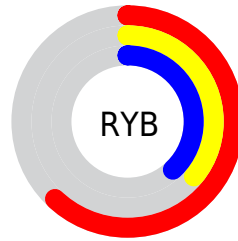
Distribution



Red (62%)

Green (36%)

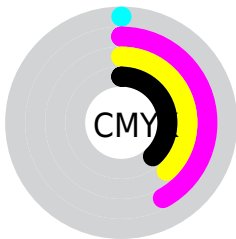
Blue (38%)



Red (62%)

Yellow (36%)

Blue (38%)

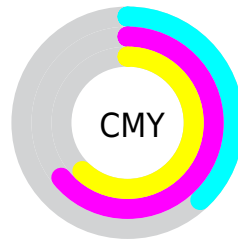


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (38%)



Cyan (38%)

Magenta (64%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.5320, 37.0890, 16.1690 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 111.5320, 37.0890, 16.1690 by changing the saturation by 10% instead.

■ 111.5320, 37.0890,
16.1690

■ 111.5320, 37.0890,
16.1690

■ 255.0000, -0.0000,
-0.0000

■ 86.6350, 35.3010,
15.5330

■ 164.3260, 40.6650,
17.4410

■ 61.9660, 32.8710,
15.5190

■ 191.8100, 42.1780,
17.5540

■ 38.2970, 30.4410,
15.5050

■ 215.0260, 32.6420,
14.1620

■ 16.5310, 29.6620,
13.1020

■ 234.6540, 15.9540,
8.2260

■ 7.5890, 14.5790,
5.6110

■ 254.4130, 0.2750,
0.5230

■ 0.0000, 0.0000,
0.0000

■ 111.5320, 37.0890,
16.1690

■ 111.5320, 37.0890,
16.1690

■ 100.5440, 45.9830,
20.1830

■ 122.5200, 28.1950,
12.1550

■ 90.1430, 54.6020,
23.6740

■ 132.9210, 19.5760,
8.6640

■ 79.1550, 63.4960,
27.6880

■ 143.9090, 10.6820,
4.6500

■ 68.1670, 72.3900,
31.7020

■ 154.8970, 1.7880,
0.6360

■ 57.1790, 81.2840,
35.7160

■ 165.2980, -6.8310,
-2.8550


■ 48.8810, 88.1150,
38.5710

■ 176.2860,
-15.7250, -6.8690

■ 187.2740,
-24.6190, -10.8830

■ 198.2620,

-33.5130, -14.8970

 208.6630,
-42.1320, -18.3880

Harmonies

Analogous

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



112.8760, 24.6170, 21.9370



111.5320, 37.0890, 16.1690



110.4640, 39.7960, 5.6520

Triad

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



111.5320, 37.0890, 16.1690



103.5300, -5.2690, -20.1570



101.1250, -51.5800, -1.3400

Complementary

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



111.5320, 37.0890, 16.1690



136.4680, -37.0890, -16.1690

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.



87.4430, -79.4990, -18.4990



111.5320, 37.0890, 16.1690



98.8180, -32.5030, -22.1910

Square

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



111.5320, 37.0890, 16.1690



106.5990, 16.6460, -15.3380



87.6040, -70.0070, -25.3270



109.5850, -23.1560, 12.1720

Rectangle

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



111.5320, 37.0890, 16.1690



109.2690, 35.6710, -2.1930



87.6040, -70.0070, -25.3270



96.5750, -61.8950, -7.1350

Sweetspot

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



111.5320, 37.0890, 16.1690



185.4150, 15.1290, 6.6570



115.8660, 13.3820, 32.8220



90.8980, 9.2150, 3.7030



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



111.5320, 37.0890, 16.1690



133.7520, 57.2610, 25.0450



125.4090, 32.4610, 0.9170



73.5060, 4.4470, 2.0070



44.4670, 80.4130, 34.9810



4.7130, 8.2980, 3.8020

Inverse Universe

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



111.5320, 37.0890, 16.1690



133.7520, 57.2610, 25.0450



122.5910, -32.4610, -0.9170



73.5060, 4.4470, 2.0070



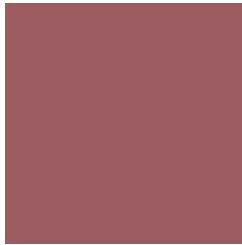
44.4670, 80.4130, 34.9810



4.7130, 8.2980, 3.8020

Previews

White Background



This preview shows how the YIQ color 111.5320, 37.0890, 16.1690 looks on a white background.

Color Contrast Check

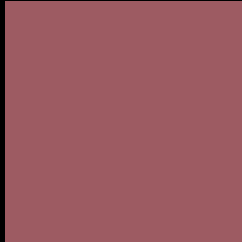
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.5320, 37.0890, 16.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

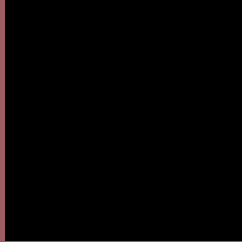
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.5320, 37.0890, 16.1690

Background



This preview shows how black text looks on a background with the YIQ color 111.5320, 37.0890, 16.1690.



This preview shows how white text looks on a background with the YIQ color 111.5320, 37.0890,

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

111.5320, 37.0890, 16.1690

Protanopia

110.6690, 2.4300, 0.0140

Deuteranopia

110.7260, 15.4510, 0.8190



Tritanopia

111.5320, 37.0890, 16.1690

Trichromacy



Original Color

111.5320, 37.0890, 16.1690

Protanomaly

110.8880, 15.1750, 5.8230

Deuteranomaly

111.1940, 23.0610, 6.0770

Tritanomaly

111.5320, 37.0890, 16.1690

Monochromacy



Original Color

111.5320, 37.0890, 16.1690

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.5180, 13.3410, 6.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.5320, 37.0890, 16.1690 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(157, 91, 98)` looks like.

```
.text, #text, p{  
    color:rgb(157, 91, 98)  
}
```

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(157, 91, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 91, 98) }
```

Border

The CSS property to change the border of an element to YIQ 111.5320, 37.0890, 16.1690 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(157, 91, 98) }
```


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

```
.border{ border-color:rgb(157, 91, 98) }
```

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

Here you see how a box with a 4 pixel rgb(157, 91, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 91, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 91, 98);  
box-shadow:4px 4px 4px 4px rgb(157, 91,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 111.5320, 37.0890, 16.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 91, 98) }
```

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

```
.background{ background-color: rgb(157, 91,  
98) }
```

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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