

Converting Colors

YIQ(137.9570, 37.0900, 10.6420)

Have a look what the booklet for
YIQ(137.9570, 37.0900, 10.6420)
contains.

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Color

**YIQ(137.9570, 37.0900,
10.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	B47973
RGB	180, 121, 115
RGB Percent	71%, 47%, 45%
CMY	0.2940, 0.5256, 0.5489
CMYK	0.00, 0.33, 0.36, 0.29
HSL	5°, 30%, 58%
HSV	5°, 36%, 71%
XYZ	28.7616, 24.6149, 19.4666
YIQ	137.9570, 37.0900, 10.6420

Conversions

Conversions Part 2

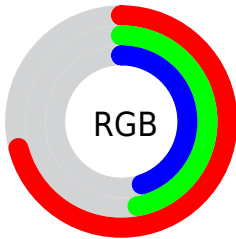
Format	Color
R_{YB}	180, 122, 115
Decimal	11827571
CIE _{Lab}	56.70, 22.33, 12.67
CIE _{LCh}	57, 25.673, 29.578
Yxy	24.6149, 0.3948, 0.3379
Android (android.graphics.Color)	4290017651 (0xFFB47973)
YUV	137.9570, -11.3178, 36.8717
Hunter-Lab	49.6134, 16.6556, 11.4660

Details

The YIQ color **137.9570, 37.0900, 10.6420** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **157.0430, -37.0900, -10.6420**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.0390, 39.7950, 11.1790**, and **87.2770, 33.1930, 9.6810** is the 20% darker color. If you saturate the color by 10%, you get **126.5130, 47.2680, 13.4120**, and if you desaturate by 10%, it is **149.4010, 26.9120, 7.8720**.

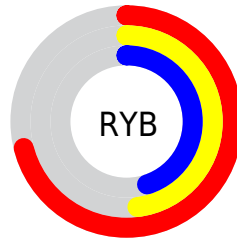
Distribution



Red (71%)

Green (47%)

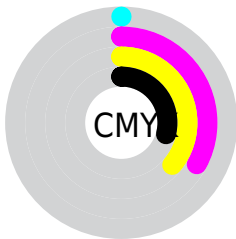
Blue (45%)



Red (71%)

Yellow (48%)

Blue (45%)

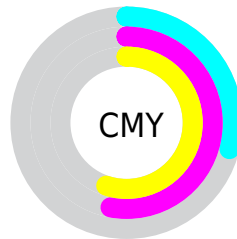


Cyan (0%)

Magenta (33%)

Yellow (36%)

Black (29%)



Cyan (29%)


Magenta (53%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.9570, 37.0900, 10.6420 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 137.9570, 37.0900, 10.6420 by changing the saturation by 10% instead.


 137.9570, 37.0900,
10.6420


 137.9570, 37.0900,
10.6420


255.0000, -0.0000,
-0.0000


 112.0600, 35.3020,
10.0060


 192.0390, 39.7950,
11.1790

 87.2770, 33.1930,
9.6810


 216.3480, 34.4310,
9.2710


 62.9070, 31.3590,
9.8790

 236.5630, 17.4680,
2.8120

 39.8250, 28.6540,
9.3420

254.5440, 1.2840,
-1.2440

 17.2980, 28.7000,
8.5080

 5.6810, 11.3240,
4.0280

 0.0000, 0.0000,

0.0000

■ 137.9570, 37.0900,
10.6420

■ 137.9570, 37.0900,
10.6420

■ 126.5130, 47.2680,
13.4120

■ 149.4010, 26.9120,
7.8720

■ 114.4820, 57.7210,
16.7050

■ 161.4320, 16.4590,
4.5790

■ 103.0380, 67.8990,
19.4750

■ 172.8760, 6.2810,
1.8090

■ 91.5940, 78.0770,
22.2450

■ 184.3200, -3.8970,
-0.9610

■ 79.5630, 88.5300,
25.5380

■ 196.3510,
-14.3500, -4.2540

■ 68.1190, 98.7080,
28.3080

■ 207.7950,
-24.5280, -7.0240

■ 63.2120, 102.8800,
29.7920

■ 219.2390,
-34.7060, -9.7940

■ 230.8140,
-43.8750, -14.3310

■ 232.5750,
-44.7000, -15.9000

Harmonies

Analogous

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



138.6930, 29.3860, 18.1060



137.9570, 37.0900, 10.6420



136.5510, 34.9370, 0.0970

Triad

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



137.9570, 37.0900, 10.6420



129.0820, -15.6310, -19.5910



133.2200, -32.5540, 6.2780

Complementary

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



137.9570, 37.0900, 10.6420



157.0430, -37.0900, -10.6420

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.



127.0880, -50.1580, -5.0860



137.9570, 37.0900, 10.6420



125.5880, -37.5470, -18.8830

Square

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



137.9570, 37.0900, 10.6420



132.0970, 6.3760, -16.4400



123.9100, -52.9530, -15.0090



137.8210, -9.0810, 15.9030

Rectangle

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



137.9570, 37.0900, 10.6420



135.5130, 28.9320, -6.7160



123.9100, -52.9530, -15.0090



130.9910, -39.3390, 2.5890

Sweetspot

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



137.9570, 37.0900, 10.6420



217.9480, 14.9460, 4.4660



141.2750, 19.4800, 32.4400



107.0720, 8.6650, 2.6570



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



137.9570, 37.0900, 10.6420



169.4820, 57.7210, 16.7050



156.7410, 28.2900, -6.0940



83.2780, 5.0890, 1.3850



53.9650, 87.3380, 25.1140



8.9480, 14.9460, 4.4660

Inverse Universe

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



157.0430, -37.0900, -10.6420



198.9310, -57.4460, -16.1820



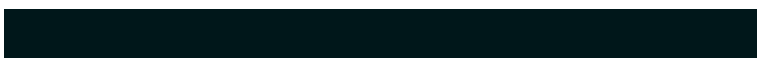
138.2590, -28.2900, 6.0940



85.7220, -5.0890, -1.3850



99.0350, -87.3380, -25.1140



16.4650, -14.6710, -3.9430

Previews

White Background



This preview shows how the YIQ color 137.9570, 37.0900, 10.6420 looks on a white background.

Color Contrast Check

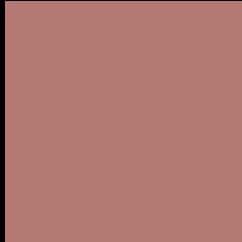
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 137.9570, 37.0900, 10.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

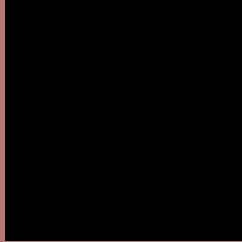
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.9570, 37.0900, 10.6420

Background



This preview shows how black text looks on a background with the YIQ color 137.9570, 37.0900, 10.6420.



This preview shows how white text looks on a background with the YIQ color 137.9570, 37.0900,

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

137.9570, 37.0900, 10.6420

Protanopia

136.3120, 7.7490, -2.7710

Deuteranopia

137.0210, 21.8700, 0.1260



Tritanopia

138.5640, 34.0630, 15.9430

Trichromacy



Original Color

137.9570, 37.0900, 10.6420

Protanomaly

137.2210, 18.4310, 1.8790

Deuteranomaly

137.1790, 27.4170, 4.2250

Tritanomaly

138.5810, 35.3930, 13.8650

Monochromacy



Original Color

137.9570, 37.0900, 10.6420

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0510, 13.1580, 3.8300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.9570, 37.0900, 10.6420 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(180, 121, 115)` looks like.

```
.text, #text, p{  
    color:rgb(180, 121, 115)  
}
```

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(180, 121, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 121, 115) }
```

Border

The CSS property to change the border of an element to YIQ 137.9570, 37.0900, 10.6420 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(180, 121, 115) }
```


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

```
.border{ border-color:rgb(180, 121, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 121, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 121, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 121, 115);  
box-shadow:4px 4px 4px 4px rgb(180, 121,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 137.9570, 37.0900, 10.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 121, 115) }
```

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

```
.background{ background-color: rgb(180,  
121, 115) }
```

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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