

Converting Colors

YIQ(112.7770, 37.7770, 14.7130)

Have a look what the booklet for
YIQ(112.7770, 37.7770, 14.7130)
contains.

YIQ(112.7770, 37.7770, 14.7130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(112.7770, 37.7770,
14.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5D60
RGB	158, 93, 96
RGB Percent	62%, 36%, 38%
CMY	0.3802, 0.6354, 0.6234
CMYK	0.00, 0.41, 0.39, 0.38
HSL	357°, 26%, 49%
HSV	357°, 41%, 62%
XYZ	20.1334, 15.9423, 13.0914
YIQ	112.7770, 37.7770, 14.7130

Conversions

Conversions Part 2

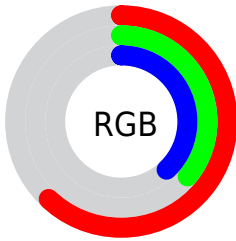
Format	Color
R_{YB}	158, 93, 96
Decimal	10378592
CIE _{Lab}	46.90, 26.94, 9.73
CIE _{LCh}	47, 28.644, 19.865
Yxy	15.9423, 0.4095, 0.3242
Android (android.graphics.Color)	4288568672 (0xFF9E5D60)
YUV	112.7770, -8.2711, 39.6606
Hunter-Lab	39.9278, 20.1342, 8.5096

Details

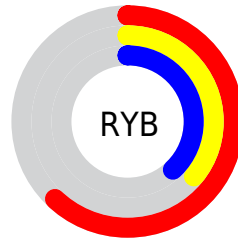
The YIQ color **112.7770, 37.7770, 14.7130** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **138.2230, -37.7770, -14.7130**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4570, 41.6740, 15.6740**, and **63.2110, 33.5590, 14.0630** is the 20% darker color. If you saturate the color by 10%, you get **101.6750, 46.9920, 18.4160**, and if you desaturate by 10%, it is **123.8790, 28.5620, 11.0100**.

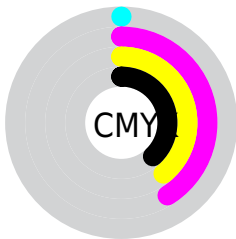
Distribution



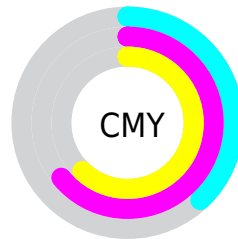
- Red (62%)
- Green (36%)
- Blue (38%)



- Red (62%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (41%)
- Yellow (39%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.7770, 37.7770, 14.7130 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 112.7770, 37.7770, 14.7130 by changing the saturation by 10% instead.

■ 112.7770, 37.7770,
14.7130

■ 112.7770, 37.7770,
14.7130

■ 255.0000, -0.0000,
-0.0000

■ 87.8800, 35.9890,
14.0770

■ 165.4570, 41.6740,
15.6740

■ 63.2110, 33.5590,
14.0630

■ 193.0550, 42.8660,
16.0980

■ 39.5420, 31.1290,
14.0490

■ 215.8580, 33.0550,
12.1830

■ 16.4880, 31.2210,
12.3810

■ 235.4860, 16.3670,
6.2470

■ 8.1870, 15.7710,
6.0350

■ 0.0000, 0.0000,
0.0000

■ 112.7770, 37.7770,
14.7130

■ 112.7770, 37.7770,
14.7130

■ 101.6750, 46.9920,
18.4160

■ 123.8790, 28.5620,
11.0100

■ 90.5730, 56.2070,
22.1190

■ 134.9810, 19.3470,
7.3070

■ 80.0580, 65.1470,
25.2990

■ 145.4960, 10.4070,
4.1270

■ 68.9560, 74.3620,
29.0020

■ 156.5980, 1.1920,
0.4240

■ 57.8540, 83.5770,
32.7050

■ 167.7000, -8.0230,
-3.2790


■ 48.0400, 91.9210,
35.6730

■ 178.8020,
-17.2380, -6.9820

■ 189.9040,
-26.4530, -10.6850

■ 200.5330,

-35.7140, -13.5540

 211.6350,
-44.9290, -17.2570

Harmonies

Analogous

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



114.0180, 27.0930, 21.1170



112.7770, 37.7770, 14.7130



111.8120, 38.6960, 3.5600

Triad

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



112.7770, 37.7770, 14.7130



104.2630, -8.8910, -20.5950



104.3430, -46.2620, 1.4020

Complementary

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



112.7770, 37.7770, 14.7130



138.2230, -37.7770, -14.7130

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.



89.8780, -76.2900, -16.0820



112.7770, 37.7770, 14.7130



99.0780, -36.1710, -21.7950

Square

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



112.7770, 37.7770, 14.7130



108.1040, 13.6660, -16.3980



88.7610, -71.8870, -24.2950



111.6780, -18.9840, 13.6560

Rectangle

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



112.7770, 37.7770, 14.7130



110.7310, 34.2500, -3.9740



88.7610, -71.8870, -24.2950



100.5050, -55.7060, -3.6580

Sweetspot

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



112.7770, 37.7770, 14.7130



189.5890, 14.5790, 5.6110



118.9480, 16.0870, 33.3590



94.5990, 8.6190, 3.4910



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



112.7770, 37.7770, 14.7130



136.0680, 59.1870, 23.1790



129.4580, 30.7650, -1.3870



73.5060, 4.4470, 2.0070



43.5550, 82.9810, 32.4930



4.5990, 8.6190, 3.4910

Inverse Universe

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



112.7770, 37.7770, 14.7130



136.0680, 59.1870, 23.1790



121.5420, -30.7650, 1.3870



73.5060, 4.4470, 2.0070



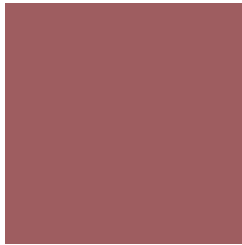
43.5550, 82.9810, 32.4930



4.5990, 8.6190, 3.4910

Previews

White Background



This preview shows how the YIQ color 112.7770, 37.7770, 14.7130 looks on a white background.

Color Contrast Check

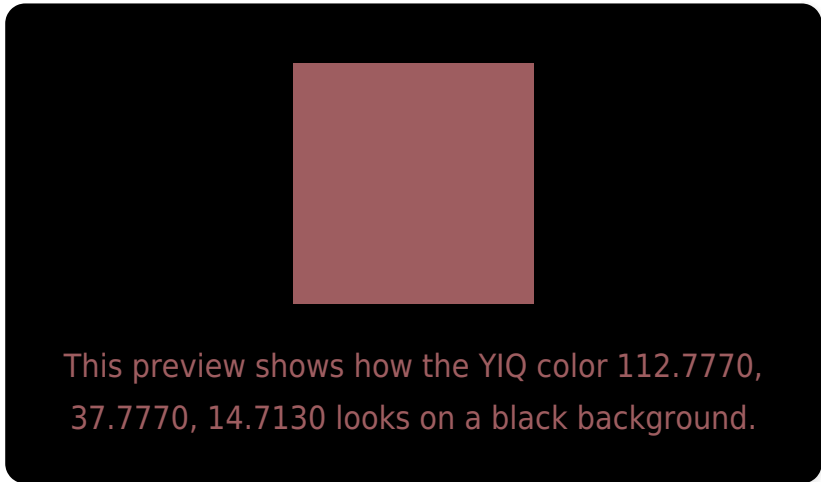
Large Text (above 18pt) WCAG AA ✓ Pass

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

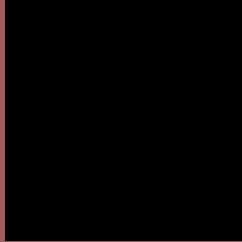
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.7770, 37.7770, 14.7130

Background



This preview shows how black text looks on a background with the YIQ color 112.7770, 37.7770, 14.7130.



This preview shows how white text looks on a background with the YIQ color 112.7770, 37.7770,

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

112.7770, 37.7770, 14.7130

Protanopia

111.6260, 3.9890, -0.7070

Deuteranopia

112.0960, 17.2850, 0.6210



Tritanopia

112.5320, 37.0890, 16.1690

Trichromacy



Original Color

112.7770, 37.7770, 14.7130

Protanomaly

111.8450, 16.7340, 5.1020

Deuteranomaly

112.5640, 24.8950, 5.8790

Tritanomaly

112.4180, 37.4100, 15.8580

Monochromacy



Original Color

112.7770, 37.7770, 14.7130

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9910, 13.3870, 5.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.7770, 37.7770, 14.7130 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(158, 93, 96)` looks like.

```
.text, #text, p{  
    color:rgb(158, 93, 96)  
}
```

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(158, 93, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 93, 96) }
```

Border

The CSS property to change the border of an element to YIQ 112.7770, 37.7770, 14.7130 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(158, 93, 96) }
```


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

```
.border{ border-color:rgb(158, 93, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 93, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 93, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 93, 96);  
box-shadow:4px 4px 4px 4px rgb(158, 93,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 112.7770, 37.7770, 14.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 93, 96) }
```

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

```
.background{ background-color: rgb(158, 93,  
96) }
```

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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