

Converting Colors

YIQ(129.9650, 33.4710, -6.3770)

Have a look what the booklet for
YIQ(129.9650, 33.4710, -6.3770)
contains.

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Color

**YIQ(129.9650, 33.4710,
-6.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7D52
RGB	158, 125, 82
RGB Percent	62%, 49%, 32%
CMY	0.3803, 0.5098, 0.6783
CMYK	0.00, 0.21, 0.48, 0.38
HSL	34°, 32%, 47%
HSV	34°, 48%, 62%
XYZ	22.9596, 22.5440, 11.1324
YIQ	129.9650, 33.4710, -6.3770

Conversions

Conversions Part 2

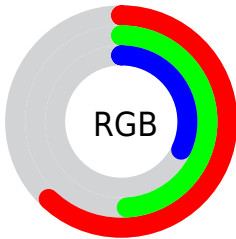
Format	Color
R_YB	140, 158, 82
Decimal	10386770
CIE _{Lab}	54.60, 7.09, 28.20
CIE _{LCh}	55, 29.080, 75.894
Yxy	22.5440, 0.4054, 0.3981
Android (android.graphics.Color)	4288576850 (0xFF9E7D52)
YUV	129.9650, -23.6467, 24.5867
Hunter-Lab	47.4805, 3.2243, 19.3350

Details

The YIQ color **129.9650, 33.4710, -6.3770** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **110.0350, -33.4710, 6.3770**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.5200, 36.2220, -6.6740**, and **79.8120, 29.5280, -6.5040** is the 20% darker color. If you saturate the color by 10%, you get **124.0320, 40.5320, -7.6920**, and if you desaturate by 10%, it is **135.8980, 26.4100, -5.0620**.

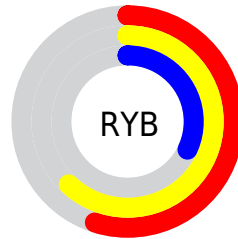
Distribution



Red (62%)

Green (49%)

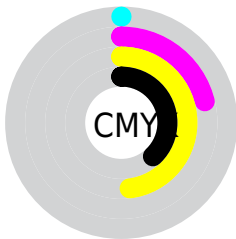
Blue (32%)



Red (55%)

Yellow (62%)

Blue (32%)

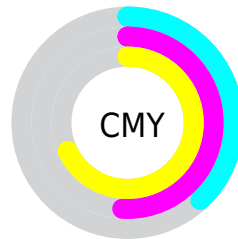


Cyan (0%)

Magenta (21%)

Yellow (48%)

Black (38%)



Cyan (38%)

Magenta (51%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.9650, 33.4710, -6.3770 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 129.9650, 33.4710, -6.3770 by changing the saturation by 10% instead.

■ 129.9650, 33.4710,
-6.3770

■ 129.9650, 33.4710,
-6.3770

■ 255.0000, -0.0000,
-0.0000

■ 104.4810, 31.9580,
-6.4900

■ 183.5200, 36.2220,
-6.6740

■ 79.8120, 29.5280,
-6.5040

■ 211.0040, 37.7350,
-6.5610

■ 56.9150, 27.7400,
-7.1400

■ 234.2200, 28.1990,
-9.9530

■ 35.2290, 23.9800,
-5.0760

■ 250.2120, 13.4820,
-13.0620

■ 15.1390, 15.7260,
1.3420

■ 253.5180, 4.1730,
-4.0430

■ 0.0000, 0.0000,
0.0000

■ 129.9650, 33.4710,
-6.3770

■ 129.9650, 33.4710,
-6.3770

■ 124.0320, 40.5320,
-7.6920

■ 135.8980, 26.4100,
-5.0620

■ 118.0990, 47.5930,
-9.0070

■ 141.8310, 19.3490,
-3.7470

■ 112.2800, 54.3330,
-10.0110

■ 147.6500, 12.6090,
-2.7430

■ 106.9340, 61.1190,
-11.8490

■ 152.9960, 5.8230,
-0.9050

■ 101.0010, 68.1800,
-13.1640

■ 158.9290, -1.2380,
0.4100

■ 99.4850, 69.6930,
-13.0510

■ 164.8620, -8.2990,
1.7250

■ 170.7950,
-15.3600, 3.0400

■ 176.6140,

-22.1000, 4.0440

■ 182.5470,
-29.1610, 5.3590

Harmonies

Analogous

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



131.9480, 41.3090, 5.7650



129.9650, 33.4710, -6.3770



127.4850, 16.9670, -15.6490

Triad

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



129.9650, 33.4710, -6.3770



113.9860, -59.2790, -21.5110



133.6270, 3.3890, 21.1890

Complementary

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



129.9650, 33.4710, -6.3770



110.0350, -33.4710, 6.3770

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.



130.2260, -23.5230, 13.3170



129.9650, 33.4710, -6.3770



114.2380, -68.4960, -14.1600

Square

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



129.9650, 33.4710, -6.3770



119.8180, -32.5030, -22.1910



123.5490, -49.8380, 0.1300



134.1750, 25.2130, 22.1490

Rectangle

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



129.9650, 33.4710, -6.3770



125.8360, 2.6170, -19.9030



123.5490, -49.8380, 0.1300



132.9680, -5.0010, 19.0550

Sweetspot

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



129.9650, 33.4710, -6.3770



196.0630, 12.8840, -2.2200



108.6000, 34.3820, 26.6860



98.2520, 7.9780, -1.4140



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.



129.9650, 33.4710, -6.3770



162.2090, 53.0950, -9.6010



148.1400, 22.0120, -24.4840



76.3270, 3.3930, -0.9190



90.3040, 62.9530, -12.0470



9.7680, 6.4650, -1.5270

Inverse Universe

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



110.0350, -33.4710, 6.3770



131.2040, -52.8200, 10.1240



91.8600, -22.0120, 24.4840



74.2600, -3.6680, 0.3960



52.6960, -62.9530, 12.0470



5.8190, -6.7400, 1.0040

Previews

White Background



This preview shows how the YIQ color 129.9650, 33.4710, -6.3770 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 129.9650, 33.4710, -6.3770 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 129.9650, 33.4710, -6.3770

Background



This preview shows how black text looks on a background with the YIQ color 129.9650, 33.4710, -6.3770.



This preview shows how white text looks on a background with the YIQ color 129.9650, 33.4710, -6.3770.

-6.3770.

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

129.9650, 33.4710, -6.3770

Protanopia

128.9310, 21.6430, -12.2850

Deuteranopia

129.9650, 33.4710, -6.3770



Tritanopia

132.8830, 22.7390, 11.9150

Trichromacy



Original Color

129.9650, 33.4710, -6.3770

Protanomaly

129.4370, 26.0900, -10.2780

Deuteranomaly

129.9650, 33.4710, -6.3770

Tritanomaly

131.8200, 27.0500, 5.3700

Monochromacy



Original Color

129.9650, 33.4710, -6.3770

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8780, 11.9670, -2.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.9650, 33.4710, -6.3770 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, 125, 82)` looks like.

```
.text, #text, p{  
    color:rgb(158, 125, 82)  
}
```

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, 125, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 125, 82) }
```

Border

The CSS property to change the border of an element to YIQ 129.9650, 33.4710, -6.3770 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, 125, 82) }
```


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

```
.border{ border-color:rgb(158, 125, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 125, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 125, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 125, 82);  
box-shadow:4px 4px 4px 4px rgb(158, 125,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 129.9650, 33.4710, -6.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 125, 82) }
```

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

```
.background{ background-color: rgb(158,  
125, 82) }
```

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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