

Converting Colors

YIQ(120.1440, 34.5250, -3.4510)

Have a look what the booklet for
YIQ(120.1440, 34.5250, -3.4510)
contains.

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Color

**YIQ(120.1440, 34.5250,
-3.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	97714C
RGB	151, 113, 76
RGB Percent	59%, 44%, 30%
CMY	0.4078, 0.5569, 0.7018
CMYK	0.00, 0.25, 0.50, 0.41
HSL	30°, 33%, 45%
HSV	30°, 50%, 59%
XYZ	19.9750, 18.9100, 9.4424
YIQ	120.1440, 34.5250, -3.4510

Conversions

Conversions Part 2

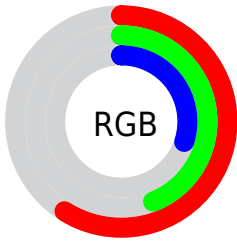
Format	Color
RYB	151, 149, 76
Decimal	9924940
CIELab	50.58, 10.28, 26.27
CIELCh	51, 28.210, 68.627
Yxy	18.9100, 0.4133, 0.3913
Android (android.graphics.Color)	4288115020 (0xFF97714C)
YUV	120.1440, -21.7630, 27.0607
Hunter-Lab	43.4856, 5.8936, 17.5658

Details

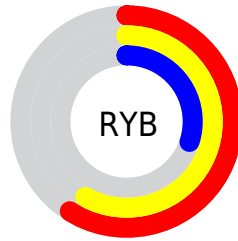
The YIQ color **120.1440, 34.5250, -3.4510** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **106.8560, -34.5250, 3.4510**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.9980, 37.8720, -3.5360**, and **70.9910, 30.5820, -3.5780** is the 20% darker color. If you saturate the color by 10%, you get **113.7380, 41.5400, -3.9320**, and if you desaturate by 10%, it is **126.5500, 27.5100, -2.9700**.

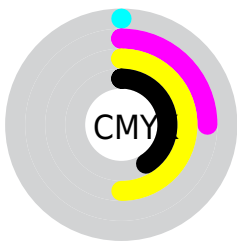
Distribution



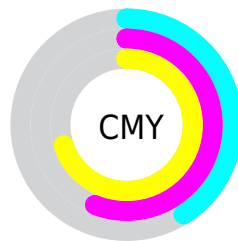
- Red (59%)
- Green (44%)
- Blue (30%)



- Red (59%)
- Yellow (58%)
- Blue (30%)



- Cyan (0%)
- Magenta (25%)
- Yellow (50%)
- Black (41%)





- Cyan (41%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.1440, 34.5250, -3.4510 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 120.1440, 34.5250, -3.4510 by changing the saturation by 10% instead.


 120.1440, 34.5250,
-3.4510


 120.1440, 34.5250,
-3.4510


255.0000, -0.0000,
-0.0000


 95.3610, 32.4160,
-3.7760


 172.9980, 37.8720,
-3.5360


 70.9910, 30.5820,
-3.5780


 200.5960, 39.0640,
-3.1120


 47.6810, 28.5190,
-4.7370


 225.6770, 34.3420,
-5.6420

 27.2660, 22.5580,
-1.3300

 245.3050, 17.6540,
-11.5780

 7.1760, 14.3040,
5.0880

 252.6060, 6.7410,
-6.5310

 0.0000, 0.0000,
0.0000

■ 120.1440, 34.5250,
-3.4510

■ 120.1440, 34.5250,
-3.4510

■ 113.7380, 41.5400,
-3.9320

■ 126.5500, 27.5100,
-2.9700

■ 107.9190, 48.2800,
-4.9360

■ 132.3690, 20.7700,
-1.9660

■ 101.5130, 55.2950,
-5.4170

■ 138.7750, 13.7550,
-1.4850

■ 95.1070, 62.3100,
-5.8980

■ 145.1810, 6.7400,
-1.0040

■ 89.2880, 69.0500,
-6.9020

■ 151.1140, -0.3210,
0.3110

■ 88.5870, 69.6460,
-6.6900

■ 157.5200, -7.3360,
0.7920

■ 163.9260,
-14.3510, 1.2730

■ 169.7450,

-21.0910, 2.2770

■ 176.1510,
-28.1060, 2.7580

Harmonies

Analogous

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



121.4580, 39.9330, 8.6770



120.1440, 34.5250, -3.4510



118.1050, 21.0930, -13.3310

Triad

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



120.1440, 34.5250, -3.4510



105.1070, -52.3100, -21.1580



123.2240, -2.8460, 18.5460

Complementary

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



120.1440, 34.5250, -3.4510



106.8560, -34.5250, 3.4510

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.



118.5950, -29.1160, 10.0520



120.1440, 34.5250, -3.4510



102.3580, -68.9540, -16.8740

Square

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



120.1440, 34.5250, -3.4510



111.2380, -24.9380, -21.6260



110.9890, -54.1930, -3.5450



123.4240, 20.0780, 21.5980

Rectangle

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



120.1440, 34.5250, -3.4510



116.5270, 7.9810, -17.9950



110.9890, -54.1930, -3.5450



122.5650, -11.2360, 16.4120

Sweetspot

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



120.1440, 34.5250, -3.4510



183.8890, 13.4340, -1.1740



102.8710, 32.1810, 28.0290



91.7790, 7.9320, -0.5800



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



120.1440, 34.5250, -3.4510



148.0290, 53.7820, -5.5300



141.8630, 24.3500, -22.8020



73.7400, 3.6680, -0.3960



82.3630, 64.4650, -6.4070



7.4090, 6.0980, -0.3820

Inverse Universe

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



106.8560, -34.5250, 3.4510



126.9710, -53.7820, 5.5300



85.1370, -24.3500, 22.8020



72.2600, -3.6680, 0.3960



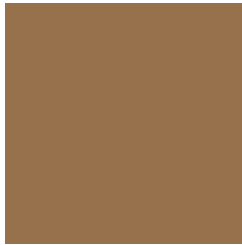
57.6370, -64.4650, 6.4070



5.0040, -5.8230, 0.9050

Previews

White Background



This preview shows how the YIQ color 120.1440, 34.5250, -3.4510 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 120.1440, 34.5250, -3.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

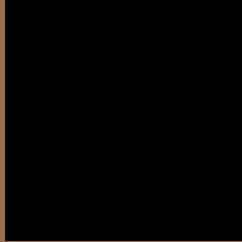
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.1440, 34.5250, -3.4510

Background



This preview shows how black text looks on a background with the YIQ color 120.1440, 34.5250, -3.4510.



This preview shows how white text looks on a background with the YIQ color 120.1440, 34.5250, -3.4510.

-3.4510.

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

120.1440, 34.5250, -3.4510

Protanopia

119.2020, 19.4420, -10.9420

Deuteranopia

119.8230, 30.9950, -5.5570



Tritanopia

122.9650, 25.4440, 12.4520

Trichromacy



Original Color

120.1440, 34.5250, -3.4510

Protanomaly

119.4200, 24.7600, -8.2000

Deuteranomaly

119.8340, 32.4620, -4.6100

Tritanomaly

122.1300, 29.1130, 6.5290

Monochromacy



Original Color

120.1440, 34.5250, -3.4510

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.7040, 12.5170, -1.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.1440, 34.5250, -3.4510 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(151, 113, 76)` looks like.

```
.text, #text, p{  
    color:rgb(151, 113, 76)  
}
```

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(151, 113, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 113, 76) }
```

Border

The CSS property to change the border of an element to YIQ 120.1440, 34.5250, -3.4510 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(151, 113, 76) }
```


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

```
.border{ border-color:rgb(151, 113, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 113, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 113, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 113, 76);  
box-shadow:4px 4px 4px 4px rgb(151, 113,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 120.1440, 34.5250, -3.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 113, 76) }
```

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

```
.background{ background-color: rgb(151,  
113, 76) }
```

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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