

Converting Colors

YIQ(113.0240, 34.9830, -0.7370)

Have a look what the booklet for
YIQ(113.0240, 34.9830, -0.7370)
contains.

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Color

**YIQ(113.0240, 34.9830,
-0.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	926849
RGB	146, 104, 73
RGB Percent	57%, 41%, 29%
CMY	0.4274, 0.5922, 0.7136
CMYK	0.00, 0.29, 0.50, 0.43
HSL	25°, 33%, 43%
HSV	25°, 50%, 57%
XYZ	18.0102, 16.4915, 8.5445
YIQ	113.0240, 34.9830, -0.7370

Conversions

Conversions Part 2

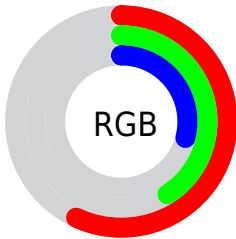
Format	Color
R_{YB}	146, 127, 73
Decimal	9594953
CIE Lab	47.61, 12.99, 24.05
CIE LCh	48, 27.336, 61.622
Yxy	16.4915, 0.4184, 0.3831
Android (android.graphics.Color)	4287785033 (0xFF926849)
YUV	113.0240, -19.7318, 28.9200
Hunter-Lab	40.6098, 8.0968, 15.9519

Details

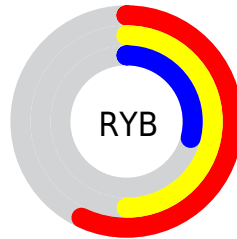
The YIQ color **113.0240, 34.9830, -0.7370** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **105.9760, -34.9830, 0.7370**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2910, 38.6050, -0.2990**, and **64.4580, 30.7650, -1.3870** is the 20% darker color. If you saturate the color by 10%, you get **106.6180, 41.9980, -1.2180**, and if you desaturate by 10%, it is **119.4300, 27.9680, -0.2560**.

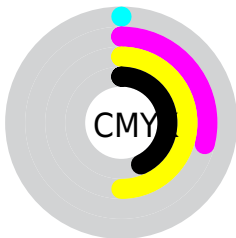
Distribution



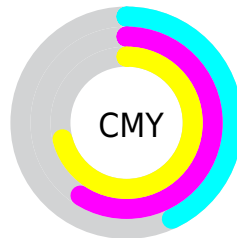
- Red (57%)
- Green (41%)
- Blue (29%)



- Red (57%)
- Yellow (50%)
- Blue (29%)



- Cyan (0%)
- Magenta (29%)
- Yellow (50%)
- Black (43%)





- Cyan (43%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.0240, 34.9830, -0.7370 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 113.0240, 34.9830, -0.7370 by changing the saturation by 10% instead.


 113.0240, 34.9830,
-0.7370

 113.0240, 34.9830,
-0.7370


255.0000, -0.0000,
-0.0000


 88.2410, 32.8740,
-1.0620


 165.2910, 38.6050,
-0.2990


 64.4580, 30.7650,
-1.3870


 192.7750, 40.1180,
-0.1860


 41.4470, 29.2980,
-2.3340

 219.4650, 38.0550,
-1.3450

 21.6620, 21.5030,
1.2710

 238.9790, 21.6880,
-7.5920

 2.0930, 4.1720,
1.4840

 252.1500, 8.0250,
-7.7750

 0.0000, 0.0000,
0.0000

■ 113.0240, 34.9830,
-0.7370

■ 113.0240, 34.9830,
-0.7370

■ 106.6180, 41.9980,
-1.2180

■ 119.4300, 27.9680,
-0.2560

■ 99.7390, 48.9670,
-0.8650

■ 126.3090, 20.9990,
-0.6090

■ 93.3330, 55.9820,
-1.3460

■ 132.7150, 13.9840,
-0.1280

■ 86.4540, 62.9510,
-0.9930

■ 139.5940, 7.0150,
-0.4810

■ 80.0480, 69.9660,
-1.4740

■ 146.0000, -0.0000,
-0.0000

■ 152.4060, -7.0150,
0.4810

■ 159.2850,
-13.9840, 0.1280

■ 165.6910,

-20.9990, 0.6090

■ 172.5700,
-27.9680, 0.2560

Harmonies

Analogous

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



114.1420, 38.0070, 10.5430



113.0240, 34.9830, -0.7370



111.3550, 23.3850, -10.8150

Triad

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



113.0240, 34.9830, -0.7370



99.7120, -43.8280, -20.6920



115.1200, -8.4850, 16.1150

Complementary

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



113.0240, 34.9830, -0.7370



105.9760, -34.9830, 0.7370

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.



110.1490, -33.7920, 6.6880



113.0240, 34.9830, -0.7370



94.5600, -66.7070, -19.0510

Square

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



113.0240, 34.9830, -0.7370



104.8860, -18.0150, -20.4390



101.0270, -57.3560, -6.7960



116.2600, 14.6680, 20.5240

Rectangle

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



113.0240, 34.9830, -0.7370



109.7340, 11.8320, -16.2000



101.0270, -57.3560, -6.7960



113.4610, -16.8750, 13.9810

Sweetspot

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



113.0240, 34.9830, -0.7370



175.7150, 13.9840, -0.1280



99.7290, 29.7050, 28.8490



86.7790, 7.9320, -0.5800



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



113.0240, 34.9830, -0.7370



137.2620, 54.7440, -0.9360



134.1560, 25.0830, -19.5650



70.8540, 3.3470, -0.0850



75.3080, 66.2980, -1.0780



5.3380, 4.8600, 0.0280

Inverse Universe

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



105.9760, -34.9830, 0.7370



126.7380, -54.7440, 0.9360



84.8440, -25.0830, 19.5650



70.1460, -3.3470, 0.0850



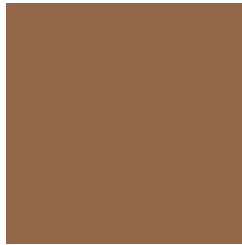
62.1050, -66.0230, 1.6010



4.6620, -4.8600, -0.0280

Previews

White Background



This preview shows how the YIQ color 113.0240, 34.9830, -0.7370 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 113.0240, 34.9830, -0.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

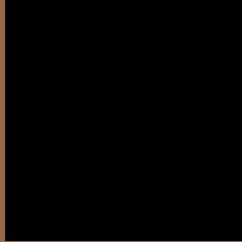
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.0240, 34.9830, -0.7370

Background



This preview shows how black text looks on a background with the YIQ color 113.0240, 34.9830, -0.7370.



This preview shows how white text looks on a background with the YIQ color 113.0240, 34.9830,

-0.7370.

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

113.0240, 34.9830, -0.7370

Protanopia

111.8860, 17.5160, -9.0760

Deuteranopia

112.5670, 28.8400, -5.0480



Tritanopia

115.4490, 26.9570, 12.5650

Trichromacy



Original Color

113.0240, 34.9830, -0.7370

Protanomaly

112.4030, 23.4300, -6.1220

Deuteranomaly

112.8770, 30.9030, -3.8890

Tritanomaly

114.3690, 29.9380, 8.0980

Monochromacy



Original Color

113.0240, 34.9830, -0.7370

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.1170, 12.7920, -0.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.0240, 34.9830, -0.7370 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(146, 104, 73)` looks like.

```
.text, #text, p{  
    color:rgb(146, 104, 73)  
}
```

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(146, 104, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 104, 73) }
```

Border

The CSS property to change the border of an element to YIQ 113.0240, 34.9830, -0.7370 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(146, 104, 73) }
```


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

```
.border{ border-color:rgb(146, 104, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 104, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 104, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 104, 73);  
box-shadow:4px 4px 4px 4px rgb(146, 104,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 113.0240, 34.9830, -0.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 104, 73) }
```

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

```
.background{ background-color: rgb(146,  
104, 73) }
```

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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