

Converting Colors

YIQ(114.8740, 44.1530, -1.7270)

Have a look what the booklet for
YIQ(114.8740, 44.1530, -1.7270)
contains.

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Color

**YIQ(114.8740, 44.1530,
-1.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	9C683F
RGB	156, 104, 63
RGB Percent	61%, 41%, 25%
CMY	0.3881, 0.5922, 0.7527
CMYK	0.00, 0.33, 0.60, 0.39
HSL	26°, 42%, 43%
HSV	26°, 60%, 61%
XYZ	19.5619, 17.3261, 7.0236
YIQ	114.8740, 44.1530, -1.7270

Conversions

Conversions Part 2

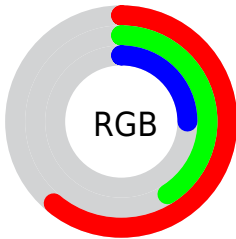
Format	Color
R_{YB}	156, 136, 63
Decimal	10250303
CIE _{Lab}	48.67, 16.47, 31.29
CIE _{LCh}	49, 35.355, 62.244
Yxy	17.3261, 0.4455, 0.3946
Android (android.graphics.Color)	4288440383 (0xFF9C683F)
YUV	114.8740, -25.5739, 36.0675
Hunter-Lab	41.6246, 11.0449, 19.1328

Details

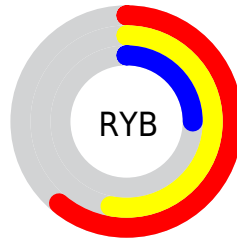
The YIQ color **114.8740, 44.1530, -1.7270** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **104.1260, -44.1530, 1.7270**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4400, 48.3710, -1.0770**, and **65.7100, 38.7430, -2.8010** is the 20% darker color. If you saturate the color by 10%, you get **107.7670, 51.7640, -1.9960**, and if you desaturate by 10%, it is **121.9810, 36.5420, -1.4580**.

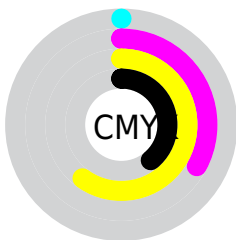
Distribution



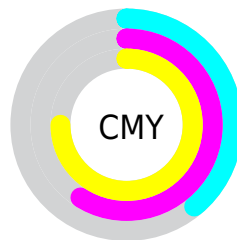
- Red (61%)
- Green (41%)
- Blue (25%)



- Red (61%)
- Yellow (53%)
- Blue (25%)



- Cyan (0%)
- Magenta (33%)
- Yellow (60%)
- Black (39%)



- Cyan (39%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.8740, 44.1530, -1.7270 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 114.8740, 44.1530, -1.7270 by changing the saturation by 10% instead.

■ 114.8740, 44.1530,
-1.7270

■ 114.8740, 44.1530,
-1.7270

■ 255.0000, -0.0000,
-0.0000

■ 89.7920, 41.4480,
-2.2640

■ 167.4400, 48.3710,
-1.0770

■ 65.7100, 38.7430,
-2.8010

■ 195.1090, 50.8010,
-1.0630

■ 42.9700, 35.0750,
-2.4050

■ 218.2110, 41.5860,
-4.7660

■ 22.8690, 25.3540,
3.0660

■ 237.7250, 25.2190,
-11.0130

■ 6.8770, 13.7080,
4.8760

■ 250.8960, 11.5560,
-11.1960

■ 0.0000, 0.0000,
0.0000

■ 254.2020, 2.2470,

-2.1770

■ 114.8740, 44.1530,
-1.7270

■ 114.8740, 44.1530,
-1.7270

■ 107.7670, 51.7640,
-1.9960

■ 121.9810, 36.5420,
-1.4580

■ 101.3610, 58.7790,
-2.4770

■ 128.3870, 29.5270,
-0.9770

■ 94.2540, 66.3900,
-2.7460

■ 135.4940, 21.9160,
-0.7080

■ 87.2610, 73.6800,
-2.7040

■ 142.4870, 14.6260,
-0.7500

■ 87.1470, 74.0010,
-3.0150

■ 149.5940, 7.0150,
-0.4810

■ 156.1140, -0.3210,
0.3110

■ 163.1070, -7.6110,
0.2690

■ 170.2140,
-15.2220, 0.5380

■ 177.2070,
-22.5120, 0.4960

Harmonies

Analogous

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



115.6980, 48.1850, 13.3130



114.8740, 44.1530, -1.7270



113.1290, 29.7130, -15.3670

Triad

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



114.8740, 44.1530, -1.7270



90.2350, -73.5820, -32.1260



117.9120, -10.5950, 21.3170

Complementary

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



114.8740, 44.1530, -1.7270



104.1260, -44.1530, 1.7270

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.



110.1460, -46.9050, 7.5510



114.8740, 44.1530, -1.7270



93.0680, -82.9370, -22.2730

Square

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



114.8740, 44.1530, -1.7270



104.1790, -26.4500, -27.2660



93.1140, -88.5780, -13.6500



119.1130, 19.7560, 27.4360

Rectangle

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



114.8740, 44.1530, -1.7270



111.1270, 14.8590, -21.5010



93.1140, -88.5780, -13.6500



116.3450, -22.2400, 17.6000

Sweetspot

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



114.8740, 44.1530, -1.7270



187.4550, 17.6520, -0.5240



96.8490, 38.4150, 36.1990



91.8610, 10.6370, -0.0430



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



114.8740, 44.1530, -1.7270



139.1080, 69.7370, -2.8310



141.8760, 31.5030, -25.7850



75.7400, 3.6680, -0.3960



79.7380, 67.9030, -2.6330



8.5940, 7.0150, -0.4810

Inverse Universe

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



104.1260, -44.1530, 1.7270



121.8920, -69.7370, 2.8310



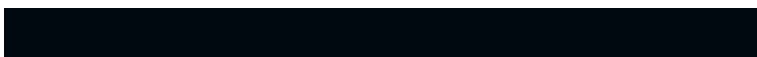
77.1240, -31.5030, 25.7850



74.8470, -3.9430, -0.1270



63.2620, -67.9030, 2.6330



6.9930, -7.2900, -0.0420

Previews

White Background



This preview shows how the YIQ color 114.8740, 44.1530, -1.7270 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 114.8740, 44.1530, -1.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

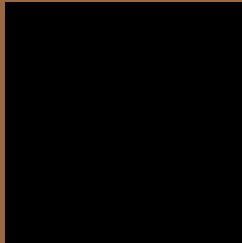
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.8740, 44.1530, -1.7270

Background



This preview shows how black text looks on a background with the YIQ color 114.8740, 44.1530, -1.7270.



This preview shows how white text looks on a background with the YIQ color 114.8740, 44.1530,

-1.7270.

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

114.8740, 44.1530, -1.7270

Protanopia

113.7030, 22.2850, -12.9070

Deuteranopia

114.6830, 34.2050, -8.6670



Tritanopia

117.7380, 33.5130, 14.8970

Trichromacy



Original Color

114.8740, 44.1530, -1.7270

Protanomaly

114.5300, 30.2620, -8.7940

Deuteranomaly

114.4170, 38.0100, -6.0380

Tritanomaly

116.7890, 37.5030, 8.6630

Monochromacy



Original Color

114.8740, 44.1530, -1.7270

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9710, 16.1390, -0.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.8740, 44.1530, -1.7270 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(156, 104, 63)` looks like.

```
.text, #text, p{  
    color:rgb(156, 104, 63)  
}
```

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(156, 104, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 104, 63) }
```

Border

The CSS property to change the border of an element to YIQ 114.8740, 44.1530, -1.7270 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(156, 104, 63) }
```


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

```
.border{ border-color:rgb(156, 104, 63) }
```

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

Here you see how a box with a 4 pixel rgb(156, 104, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 104, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 104, 63);  
box-shadow:4px 4px 4px 4px rgb(156, 104,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 114.8740, 44.1530, -1.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 104, 63) }
```

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

```
.background{ background-color: rgb(156,  
104, 63) }
```

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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