

Converting Colors

YIQ(114.0270, 57.2640, 8.4640)

Have a look what the booklet for
YIQ(114.0270, 57.2640, 8.4640)
contains.

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Color

**YIQ(114.0270, 57.2640,
8.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5D41
RGB	174, 93, 65
RGB Percent	68%, 36%, 25%
CMY	0.3175, 0.6354, 0.7448
CMYK	0.00, 0.47, 0.63, 0.32
HSL	15°, 46%, 47%
HSV	15°, 63%, 68%
XYZ	22.3329, 17.2089, 7.1553
YIQ	114.0270, 57.2640, 8.4640

Conversions

Conversions Part 2

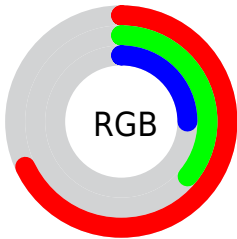
Format	Color
RYB	174, 103, 65
Decimal	11427137
CIELab	48.52, 30.42, 30.54
CIElCh	49, 43.105, 45.107
Yxy	17.2089, 0.4783, 0.3685
Android (android.graphics.Color)	4289617217 (0xFFAE5D41)
YUV	114.0270, -24.1703, 52.5963
Hunter-Lab	41.4836, 23.4998, 18.8120

Details

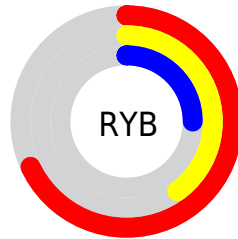
The YIQ color **114.0270, 57.2640, 8.4640** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **124.9730, -57.2640, -8.4640**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7780, 62.3990, 9.0150**, and **63.2050, 50.8910, 8.3230** is the 20% darker color. If you saturate the color by 10%, you get **104.4580, 66.2960, 9.9760**, and if you desaturate by 10%, it is **123.5960, 48.2320, 6.9520**.

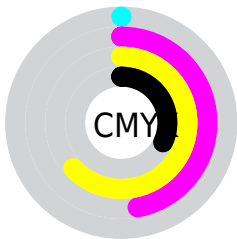
Distribution



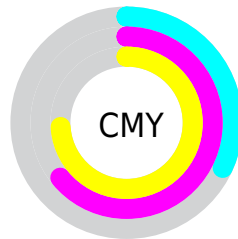
- Red (68%)
- Green (36%)
- Blue (25%)



- Red (68%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (47%)
- Yellow (63%)
- Black (32%)



- Cyan (32%)
- Magenta (64%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.0270, 57.2640, 8.4640 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 114.0270, 57.2640, 8.4640 by changing the saturation by 10% instead.

■ 114.0270, 57.2640,
8.4640

■ 114.0270, 57.2640,
8.4640

■ 255.0000, -0.0000,
-0.0000

■ 88.0590, 54.2380,
8.2380

■ 167.7780, 62.3990,
9.0150

■ 63.2050, 50.8910,
8.3230

■ 192.4680, 60.3360,
7.8560

■ 38.3510, 47.5440,
8.4080

■ 211.9820, 43.9690,
1.6090

■ 18.5380, 36.9520,
13.1440

■ 231.4960, 27.6020,
-4.6380

■ 11.4760, 22.3270,
8.3670

■ 251.1240, 10.9140,
-10.5740

■ 0.0000, 0.0000,
0.0000

■ 254.4300, 1.6050,

-1.5550

■ 114.0270, 57.2640,
8.4640

■ 114.0270, 57.2640,
8.4640

■ 104.4580, 66.2960,
9.9760

■ 123.5960, 48.2320,
6.9520

■ 94.7750, 75.6490,
11.1770

■ 133.2790, 38.8790,
5.7510

■ 85.2060, 84.6810,
12.6890

■ 142.8480, 29.8470,
4.2390

■ 78.4410, 91.3290,
13.3530

■ 152.5310, 20.4940,
3.0380

■ 162.1000, 11.4620,
1.5260

■ 171.6690, 2.4300,
0.0140

■ 181.3520, -6.9230,
-1.1870

■ 190.9210,
-15.9550, -2.6990

■ 200.0170,
-25.0330, -3.3770

Harmonies

Analogous

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



115.1970, 54.5100, 25.3420



114.0270, 57.2640, 8.4640



112.7460, 47.0890, -10.8870

Triad

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



114.0270, 57.2640, 8.4640



88.3140, -66.7950, -39.4910



112.9500, -40.1210, 16.7670

Complementary

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



114.0270, 57.2640, 8.4640



124.9730, -57.2640, -8.4640

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.



93.8780, -93.4850, -7.3170



114.0270, 57.2640, 8.4640



93.2330, -79.2680, -28.1960

Square

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



114.0270, 57.2640, 8.4640



104.5260, -8.6140, -31.1260



95.8210, -89.3110, -16.8870



118.7230, 3.4790, 30.5750

Rectangle

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



114.0270, 57.2640, 8.4640



110.7070, 33.6570, -20.7670



95.8210, -89.3110, -16.8870



106.8550, -59.1470, 9.1490

Sweetspot

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



114.0270, 57.2640, 8.4640



203.3140, 22.6030, 3.3630



106.9390, 38.6420, 48.6100



100.1820, 14.1670, 2.0630



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



114.0270, 57.2640, 8.4640



133.0710, 89.4950, 13.5510



145.7250, 42.4140, -19.7780



81.8650, 4.8140, 0.8620



67.7430, 78.6750, 11.4030



10.3990, 12.0580, 1.7380

Inverse Universe

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



124.9730, -57.2640, -8.4640



150.3420, -89.2200, -13.0280



93.2750, -42.4140, 19.7780



82.5480, -4.5390, -0.3390



82.8440, -78.9500, -11.9260



12.6010, -12.0580, -1.7380

Previews

White Background



This preview shows how the YIQ color 114.0270, 57.2640, 8.4640 looks on a white background.

Color Contrast Check

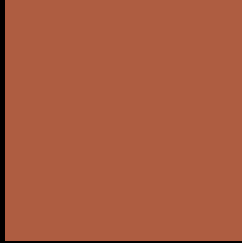
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.0270, 57.2640, 8.4640 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 114.0270, 57.2640, 8.4640

Background



This preview shows how black text looks on a background with the YIQ color 114.0270, 57.2640, 8.4640.



This preview shows how white text looks on a background with the YIQ color 114.0270, 57.2640,

8.4640.

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

114.0270, 57.2640, 8.4640

Protanopia

114.0880, 19.7630, -11.2530

Deuteranopia

114.0960, 34.4800, -8.1440



Tritanopia

115.6970, 49.9260, 20.3100

Trichromacy



Original Color

114.0270, 57.2640, 8.4640

Protanomaly

114.1330, 33.0580, -4.3980

Deuteranomaly

114.2760, 42.9610, -2.1510

Tritanomaly

114.7310, 52.5860, 16.1540

Monochromacy



Original Color

114.0270, 57.2640, 8.4640

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8300, 21.0900, 3.2500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.0270, 57.2640, 8.4640 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(174, 93, 65)` looks like.

```
.text, #text, p{  
    color:rgb(174, 93, 65)  
}
```

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(174, 93, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 93, 65) }
```

Border

The CSS property to change the border of an element to YIQ 114.0270, 57.2640, 8.4640 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(174, 93, 65) }
```


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

```
.border{ border-color:rgb(174, 93, 65) }
```

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

Here you see how a box with a 4 pixel rgb(174, 93, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 93, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 93, 65);  
box-shadow:4px 4px 4px 4px rgb(174, 93,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 114.0270, 57.2640, 8.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 93, 65) }
```

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

```
.background{ background-color: rgb(174, 93,  
65) }
```

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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