

Converting Colors

YIQ(114.2760, 34.9340, 16.6780)

Have a look what the booklet for
YIQ(114.2760, 34.9340, 16.6780)
contains.

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Color

**YIQ(114.2760, 34.9340,
16.6780)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5E68
RGB	158, 94, 104
RGB Percent	62%, 37%, 41%
CMY	0.3802, 0.6315, 0.5920
CMYK	0.00, 0.41, 0.34, 0.38
HSL	351°, 25%, 49%
HSV	351°, 41%, 62%
XYZ	20.6092, 16.2740, 15.1606
YIQ	114.2760, 34.9340, 16.6780

Conversions

Conversions Part 2

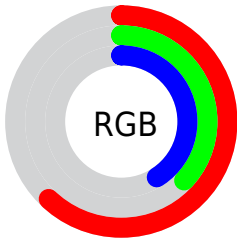
Format	Color
RYB	158, 94, 104
Decimal	10378856
CIELab	47.33, 27.40, 5.53
CIElCh	47, 27.955, 11.414
Yxy	16.2740, 0.3960, 0.3127
Android (android.graphics.Color)	4288568936 (0xFF9E5E68)
YUV	114.2760, -5.0661, 38.3459
Hunter-Lab	40.3410, 20.5943, 5.9569

Details

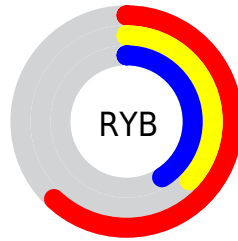
The YIQ color **114.2760, 34.9340, 16.6780** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **137.7240, -34.9340, -16.6780**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7710, 37.9140, 17.7380**, and **64.5960, 31.0370, 15.7170** is the 20% darker color. If you saturate the color by 10%, you get **103.4020, 43.5070, 21.0030**, and if you desaturate by 10%, it is **125.1500, 26.3610, 12.3530**.

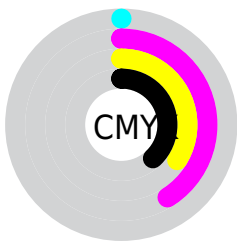
Distribution



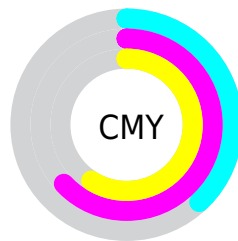
- Red (62%)
- Green (37%)
- Blue (41%)



- Red (62%)
- Yellow (37%)
- Blue (41%)



- Cyan (0%)
- Magenta (41%)
- Yellow (34%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.2760, 34.9340, 16.6780 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 114.2760, 34.9340, 16.6780 by changing the saturation by 10% instead.

■ 114.2760, 34.9340,
16.6780

■ 114.2760, 34.9340,
16.6780

255.0000, -0.0000,
-0.0000

■ 89.3790, 33.1460,
16.0420

■ 166.7710, 37.9140,
17.7380

■ 64.5960, 31.0370,
15.7170

■ 194.3690, 39.1060,
18.1620

■ 41.2260, 29.2030,
15.9150

■ 217.4710, 29.8910,
14.4590

■ 17.7420, 27.6900,
15.8020

■ 237.2130, 12.8820,
8.8340

■ 8.7850, 16.9630,
6.4590

■ 0.0000, 0.0000,
0.0000

■ 114.2760, 34.9340,
16.6780

■ 114.2760, 34.9340,
16.6780

■ 103.4020, 43.5070,
21.0030

■ 125.1500, 26.3610,
12.3530

■ 92.4140, 52.4010,
25.0170

■ 136.1380, 17.4670,
8.3390

■ 82.1270, 60.6990,
28.8190

■ 146.4250, 9.1690,
4.5370

■ 71.2530, 69.2720,
33.1440

■ 157.2990, 0.5960,
0.2120

■ 60.2650, 78.1660,
37.1580

■ 168.2870, -8.2980,
-3.8020


■ 50.0920, 86.1430,
41.2710

■ 179.1610,
-16.8710, -8.1270

■ 190.0350,
-25.4440, -12.4520

■ 200.4360,

-34.0630, -15.9430

 211.3100,
-42.6360, -20.2680

Harmonies

Analogous

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



115.4950, 21.3160, 21.1880



114.2760, 34.9340, 16.6780



112.9200, 38.5120, 6.8960

Triad

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



114.2760, 34.9340, 16.6780



106.9110, -1.9680, -19.4080



103.1850, -51.8090, -2.6970

Complementary

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



114.2760, 34.9340, 16.6780



137.7240, -34.9340, -16.6780

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.



91.4930, -73.7680, -17.7360



114.2760, 34.9340, 16.6780



102.5690, -27.3680, -21.6400

Square

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



114.2760, 34.9340, 16.6780



109.9090, 18.7090, -14.1790



95.8400, -55.9320, -21.5960



111.5630, -26.0900, 10.2780

Rectangle

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



114.2760, 34.9340, 16.6780



112.3230, 35.5790, -0.5250



95.8400, -55.9320, -21.5960



99.5320, -60.3360, -7.8560

Sweetspot

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



114.2760, 34.9340, 16.6780



189.9310, 13.6160, 6.5440



117.1430, 11.0440, 31.1400



94.7130, 8.2980, 3.8020



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.



114.2760, 34.9340, 16.6780



137.3220, 55.6560, 26.6000



125.4630, 32.3690, 2.5850



73.5060, 4.4470, 2.0070



45.2650, 78.1660, 37.1580



4.7130, 8.2980, 3.8020

Inverse Universe

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



114.2760, 34.9340, 16.6780



137.3220, 55.6560, 26.6000



126.5370, -32.3690, -2.5850



73.5060, 4.4470, 2.0070



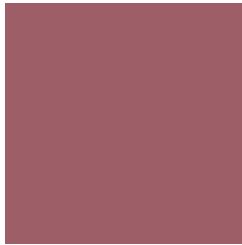
45.2650, 78.1660, 37.1580



4.7130, 8.2980, 3.8020

Previews

White Background



This preview shows how the YIQ color 114.2760, 34.9340, 16.6780 looks on a white background.

Color Contrast Check

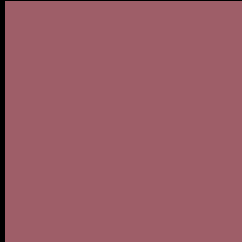
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.2760, 34.9340, 16.6780 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 114.2760, 34.9340, 16.6780

Background



This preview shows how black text looks on a background with the YIQ color 114.2760, 34.9340, 16.6780.



This preview shows how white text looks on a background with the YIQ color 114.2760, 34.9340,

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

114.2760, 34.9340, 16.6780

Protanopia

112.8260, 0.5500, 1.0460

Deuteranopia

113.7690, 13.8920, 1.5400



Tritanopia

113.9340, 35.8970, 15.7450

Trichromacy



Original Color

114.2760, 34.9340, 16.6780

Protanomaly

113.0450, 13.2950, 6.8550

Deuteranomaly

114.2370, 21.5020, 6.7980

Tritanomaly

114.0480, 35.5760, 16.0560

Monochromacy



Original Color

114.2760, 34.9340, 16.6780

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2190, 12.7450, 5.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.2760, 34.9340, 16.6780 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, 94, 104)` looks like.

```
.text, #text, p{  
    color:rgb(158, 94, 104)  
}
```

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, 94, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 94, 104) }
```

Border

The CSS property to change the border of an element to YIQ 114.2760, 34.9340, 16.6780 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, 94, 104) }
```


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

```
.border{ border-color:rgb(158, 94, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 94, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 94, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 94, 104);  
box-shadow:4px 4px 4px 4px rgb(158, 94,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 114.2760, 34.9340, 16.6780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 94, 104) }
```

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

```
.background{ background-color: rgb(158, 94,  
104) }
```

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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