

Converting Colors

YIQ(114.4370, 18.0630, 8.5510)

Have a look what the booklet for
YIQ(114.4370, 18.0630, 8.5510)
contains.

YIQ(114.4370, 18.0630, 8.5510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(114.4370, 18.0630,
8.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	89686D
RGB	137, 104, 109
RGB Percent	54%, 41%, 43%
CMY	0.4627, 0.5922, 0.5725
CMYK	0.00, 0.24, 0.20, 0.46
HSL	351°, 14%, 47%
HSV	351°, 24%, 54%
XYZ	18.0301, 16.3225, 16.6731
YIQ	114.4370, 18.0630, 8.5510

Conversions

Conversions Part 2

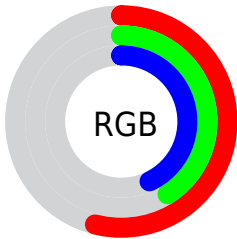
Format	Color
R_{YB}	137, 104, 109
Decimal	9005165
CIE _{Lab}	47.39, 14.04, 2.30
CIE _{LCh}	47, 14.226, 9.311
Yxy	16.3225, 0.3534, 0.3199
Android (android.graphics.Color)	4287195245 (0xFF89686D)
YUV	114.4370, -2.6804, 19.7878
Hunter-Lab	40.4011, 8.9588, 3.8123

Details

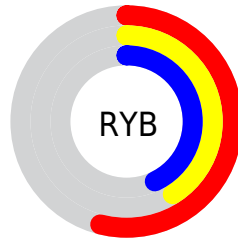
The YIQ color **114.4370, 18.0630, 8.5510** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **126.5630, -18.0630, -8.5510**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3340, 19.8510, 9.1870**, and **66.2410, 15.6790, 7.7030** is the 20% darker color. If you saturate the color by 10%, you get **104.8510, 25.7650, 12.1410**, and if you desaturate by 10%, it is **124.0230, 10.3610, 4.9610**.

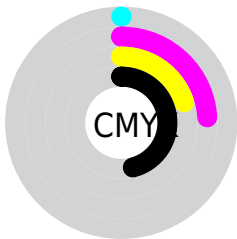
Distribution



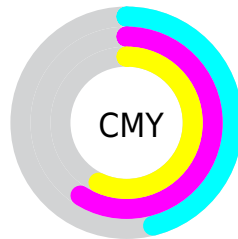
- Red (54%)
- Green (41%)
- Blue (43%)



- Red (54%)
- Yellow (41%)
- Blue (43%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (46%)




- Cyan (46%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.4370, 18.0630, 8.5510 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 114.4370, 18.0630, 8.5510 by changing the saturation by 10% instead.


 114.4370, 18.0630,
8.5510


 114.4370, 18.0630,
8.5510


255.0000, -0.0000,
-0.0000


 89.8390, 16.8710,
8.1270


 166.3340, 19.8510,
9.1870


 66.2410, 15.6790,
7.7030


 193.6330, 20.4470,
9.3990

 43.9420, 15.0830,
7.4910

 221.9320, 21.0430,
9.6110

 22.3440, 13.8910,
7.0670

 243.7670, 8.2060,
5.4700

 2.0930, 4.1720,
1.4840

 0.0000, 0.0000,
0.0000

■ 114.4370, 18.0630,
8.5510

■ 114.4370, 18.0630,
8.5510

■ 104.8510, 25.7650,
12.1410

■ 124.0230, 10.3610,
4.9610

■ 95.9660, 32.8710,
15.5190

■ 132.9080, 3.2550,
1.5830

■ 86.3800, 40.5730,
19.1090

■ 142.4940, -4.4470,
-2.0070

■ 76.9080, 47.9540,
23.0100

■ 151.9660,
-11.8280, -5.9080

■ 67.3220, 55.6560,
26.6000

■ 161.5520,
-19.5300, -9.4980

■ 58.3230, 63.0830,
29.6670

■ 170.5510,
-26.9570, -12.5650

■ 48.8510, 70.4640,
33.5680


■ 180.0230,
-34.3380, -16.4660

■ 43.3570, 74.9110,

■ 189.6090,

35.5750

-42.0400, -20.0560

 198.6080,
-49.4670, -23.1230

Harmonies

Analogous

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



114.5980, 10.3600, 10.4880



114.4370, 18.0630, 8.5510



113.4710, 20.7230, 4.3950

Triad

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



114.4370, 18.0630, 8.5510



109.9040, -0.0900, -9.3860



109.9790, -21.8700, -0.1260

Complementary

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



114.4370, 18.0630, 8.5510



126.5630, -18.0630, -8.5510

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.



107.6640, -25.5370, -5.2570



114.4370, 18.0630, 8.5510



108.9180, -11.8730, -10.6010

Square

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



114.4370, 18.0630, 8.5510



111.7590, 10.6840, -6.4040



107.5950, -21.0890, -8.7770



112.3440, -12.4720, 5.7680

Rectangle

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



114.4370, 18.0630, 8.5510



113.3520, 19.4400, 0.1120



107.5950, -21.0890, -8.7770



109.2560, -24.2080, -1.8080

Sweetspot

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



114.4370, 18.0630, 8.5510



170.1150, 7.1060, 3.3780



116.1340, 6.0950, 16.1990



84.2070, 3.8510, 1.7950



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



114.4370, 18.0630, 8.5510



143.4600, 28.4240, 13.5120



120.3240, 16.6430, 1.2430



64.2070, 3.8510, 1.7950



42.0470, 72.8480, 34.4160



1.6090, 2.6590, 1.3710

Inverse Universe

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



114.4370, 18.0630, 8.5510



143.4600, 28.4240, 13.5120



120.6760, -16.6430, -1.2430



64.2070, 3.8510, 1.7950



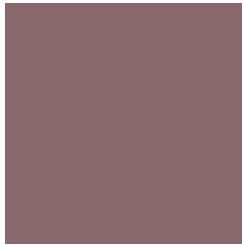
42.0470, 72.8480, 34.4160



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 114.4370, 18.0630, 8.5510 looks on a white background.

Color Contrast Check

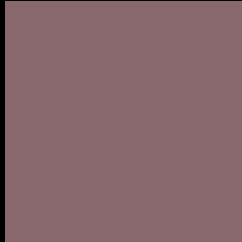
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.4370, 18.0630, 8.5510 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 114.4370, 18.0630, 8.5510

Background



This preview shows how black text looks on a background with the YIQ color 114.4370, 18.0630, 8.5510.



This preview shows how white text looks on a background with the YIQ color 114.4370, 18.0630,

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

114.4370, 18.0630, 8.5510

Protanopia

112.8260, 0.5500, 1.0460

Deuteranopia

113.6700, 9.8570, 3.0810



Tritanopia

114.7790, 17.1000, 9.4840

Trichromacy



Original Color

114.4370, 18.0630, 8.5510

Protanomaly

113.2290, 6.7850, 3.6890

Deuteranomaly

113.6920, 12.7910, 4.9750

Tritanomaly

114.6650, 17.4210, 9.1730

Monochromacy



Original Color

114.4370, 18.0630, 8.5510

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8160, 6.5100, 3.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.4370, 18.0630, 8.5510 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(137, 104, 109)` looks like.

```
.text, #text, p{  
    color:rgb(137, 104, 109)  
}
```

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(137, 104, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 104, 109) }
```

Border

The CSS property to change the border of an element to YIQ 114.4370, 18.0630, 8.5510 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(137, 104, 109) }
```


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

```
.border{ border-color:rgb(137, 104, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 104, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 104, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 104, 109); box-shadow:4px 4px 4px 4px rgb(137, 104, 109) }
```

Background

The CSS property to change the background color of an element to YIQ 114.4370, 18.0630, 8.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 104, 109) }
```

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

```
.background{ background-color: rgb(137,  
104, 109) }
```

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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