

Converting Colors

YIQ(97.8060, -5.8660, -14.8420)

Have a look what the booklet for
YIQ(97.8060, -5.8660, -14.8420)
contains.

YIQ(97.8060, -5.8660, -14.8420)	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(97.8060, -5.8660,
-14.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	536D4F
RGB	83, 109, 79
RGB Percent	33%, 43%, 31%
CMY	0.6746, 0.5725, 0.6902
CMYK	0.24, 0.00, 0.28, 0.57
HSL	112°, 16%, 37%
HSV	112°, 28%, 43%
XYZ	10.4465, 13.3422, 9.4218
YIQ	97.8060, -5.8660, -14.8420

Conversions

Conversions Part 2

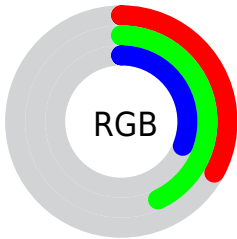
Format	Color
R_{YB}	79, 109, 105
Decimal	5467471
CIE _{Lab}	43.27, -15.99, 13.74
CIE _{LCh}	43, 21.078, 139.333
Yxy	13.3422, 0.3146, 0.4017
Android (android.graphics.Color)	4283657551 (0xFF536D4F)
YUV	97.8060, -9.2714, -12.9849
Hunter-Lab	36.5269, -12.8719, 10.2755

Details

The YIQ color $97.8060, -5.8660, -14.8420$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $90.1940, 5.8660, 14.8420$, and the grayscale version is $98.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $148.8660, -6.0950, -16.1990$, and $50.7460, -5.6370, -13.4850$ is the 20% darker color. If you saturate the color by 10%, you get $93.8610, -7.6990, -20.1710$, and if you desaturate by 10%, it is $101.7510, -4.0330, -9.5130$.

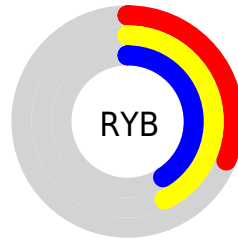
Distribution



Red (33%)

Green (43%)

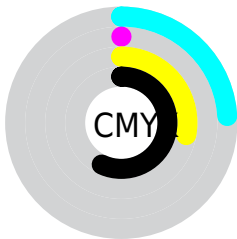
Blue (31%)



Red (31%)

Yellow (43%)

Blue (41%)

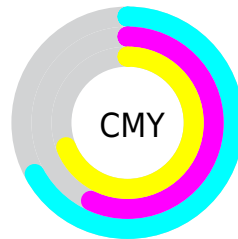


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (57%)



Cyan (67%)

Magenta (57%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.8060, -5.8660, -14.8420 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 97.8060, -5.8660, -14.8420 by changing the saturation by 10% instead.

■ 97.8060, -5.8660,
-14.8420

■ 97.8060, -5.8660,
-14.8420

■ 255.0000, -0.0000,
-0.0000

■ 73.9200, -6.1870,
-14.5310

■ 148.8660, -6.0950,
-16.1990

■ 50.7460, -5.6370,
-13.4850

■ 175.4530, -6.3700,
-16.7220

■ 29.1590, -5.3620,
-12.9620

■ 202.4530, -6.3700,
-16.7220

■ 11.7400, -5.5000,
-10.4600

■ 231.0400, -6.6450,
-17.2450

■ 0.0000, 0.0000,
0.0000

■ 249.3600, -1.3740,
-8.1420

■ 97.8060, -5.8660,
-14.8420

■ 97.8060, -5.8660,
-14.8420

■ 93.8610, -7.6990,
-20.1710

■ 101.7510, -4.0330,
-9.5130

■ 89.6170, -10.1280,
-25.7120

■ 105.9950, -1.6040,
-3.9720

■ 85.6720, -11.9610,
-31.0410

■ 109.9400, 0.2290,
1.3570

■ 81.4280, -14.3900,
-36.5820

■ 114.1840, 2.6580,
6.8980

■ 77.4830, -16.2230,
-41.9110

■ 118.1290, 4.4910,
12.2270

■ 73.3530, -18.9730,
-47.1410

■ 122.2590, 7.2410,
17.4570

■ 69.4080, -20.8060,
-52.4700

■ 126.2040, 9.0740,
22.7860

■ 68.1690, -21.6310,

■ 130.4480, 11.5030,

-54.0390

28.3270

■ 134.3930, 13.3360,
33.6560

Harmonies

Analogous

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



100.2980, 10.3640, -11.6200



97.8060, -5.8660, -14.8420



94.8240, -23.4720, -15.1520

Triad

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



97.8060, -5.8660, -14.8420



98.6560, -31.0860, 1.6980



104.2810, 27.3700, 10.5860

Complementary

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



97.8060, -5.8660, -14.8420



90.1940, 5.8660, 14.8420

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.



105.0230, 19.5290, 15.0250



97.8060, -5.8660, -14.8420



102.7940, -13.6190, 10.0370

Square

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



97.8060, -5.8660, -14.8420



93.8130, -42.1340, -7.3340



104.7100, 4.3530, 14.7290



102.7230, 28.7010, 2.9810

Rectangle

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



97.8060, -5.8660, -14.8420



93.1910, -34.7510, -14.4870



104.7100, 4.3530, 14.7290



104.2640, 26.0400, 12.6640

Sweetspot

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



97.8060, -5.8660, -14.8420



138.6420, -2.1080, -5.8520



103.2320, 10.7300, -7.2380



68.4080, -1.3290, -3.4490



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



97.8060, -5.8660, -14.8420



125.3830, -9.3490, -23.3090



97.8640, -11.7810, -12.2690



51.8210, -1.0540, -2.9260



73.4630, -22.6390, -57.7990



153.3830, -48.3030, -121.3510

Inverse Universe

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



90.1940, 5.8660, 14.8420



113.6170, 9.3490, 23.3090



90.1360, 11.7810, 12.2690



50.1790, 1.0540, 2.9260



43.8360, 23.2350, 58.0110



91.3180, 47.7070, 121.1390

Previews

White Background



This preview shows how the YIQ color 97.8060, -5.8660, -14.8420 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 97.8060, -5.8660, -14.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

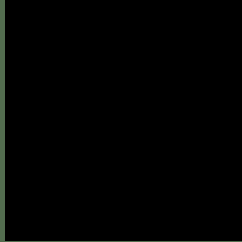
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.8060, -5.8660, -14.8420

Background



This preview shows how black text looks on a background with the YIQ color 97.8060, -5.8660, -14.8420.



This preview shows how white text looks on a background with the YIQ color 97.8060, -5.8660, -14.8420.

-14.8420.

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

97.8060, -5.8660, -14.8420

Protanopia

101.1290, 12.5180, -6.6020

Deuteranopia

102.3410, 17.9730, -0.8350



Tritanopia

101.1280, -12.1040, -0.9040

Trichromacy



Original Color

97.8060, -5.8660, -14.8420

Protanomaly

100.3130, 6.0080, -9.7680

Deuteranomaly

100.6880, 9.4460, -5.9940

Tritanomaly

99.7490, -9.7190, -5.5830

Monochromacy



Original Color

97.8060, -5.8660, -14.8420

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.0550, -1.8330, -5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.8060, -5.8660, -14.8420 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(83, 109, 79)` looks like.

```
.text, #text, p{  
    color:rgb(83, 109, 79)  
}
```

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(83, 109, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 109, 79) }
```

Border

The CSS property to change the border of an element to YIQ 97.8060, -5.8660, -14.8420 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(83, 109, 79) }
```


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

```
.border{ border-color:rgb(83, 109, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 109, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 109, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 109, 79);  
box-shadow:4px 4px 4px 4px rgb(83, 109,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 97.8060, -5.8660, -14.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 109, 79) }
```

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

```
.background{ background-color: rgb(83, 109,  
79) }
```

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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