

# Converting Colors

YIQ(144.6780, 6.2380, -13.9380)

Have a look what the booklet for  
YIQ(144.6780, 6.2380, -13.9380)  
contains.

<b>YIQ(144.6780, 6.2380, -13.9380)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(144.6780, 6.2380,  
-13.9380)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E9872
RGB	142, 152, 114
RGB Percent	56%, 60%, 45%
CMY	0.4432, 0.4039, 0.5529
CMYK	0.07, 0.00, 0.25, 0.40
HSL	76°, 16%, 52%
HSV	76°, 25%, 60%
XYZ	25.4202, 29.4227, 20.2631
YIQ	144.6780, 6.2380, -13.9380

# Conversions

## Conversions Part 2

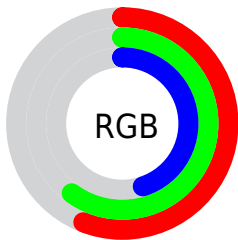
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 152, 124
Decimal	9345138
CIELab	61.15, -10.41, 18.84
CIElCh	61, 21.522, 118.931
Yxy	29.4227, 0.3385, 0.3917
Android (android.graphics.Color)	4287535218 (0xFF8E9872)
YUV	144.6780, -15.1243, -2.3486
Hunter-Lab	54.2427, -11.2729, 15.8214

# Details

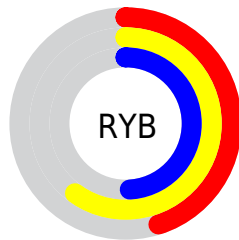
The YIQ color  $144.6780, 6.2380, -13.9380$  is a dark color, and the websafe version is hex  $999966$ . A complement of this color would be  $121.3220, -6.2380, 13.9380$ , and the grayscale version is  $145.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $198.4500, 6.8800, -14.5600$ , and  $94.0200, 5.2750, -13.0050$  is the 20% darker color. If you saturate the color by 10%, you get  $141.7720, 8.6690, -19.4510$ , and if you desaturate by 10%, it is  $147.5840, 3.8070, -8.4250$ .

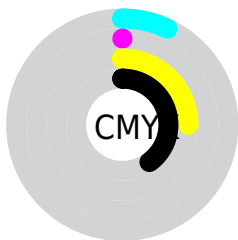
# Distribution



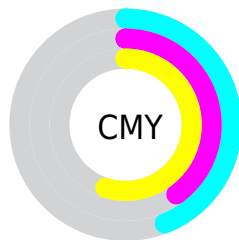
- Red (56%)
- Green (60%)
- Blue (45%)



- Red (45%)
- Yellow (60%)
- Blue (49%)



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 144.6780, 6.2380, -13.9380 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 144.6780, 6.2380, -13.9380 by changing the saturation by 10% instead.



■ 144.6780, 6.2380,  
-13.9380

■ 144.6780, 6.2380,  
-13.9380

■ 255.0000, -0.0000,  
-0.0000

■ 118.7920, 5.9170,  
-13.6270

■ 198.4500, 6.8800,  
-14.5600

■ 94.0200, 5.2750,  
-13.0050

■ 226.3360, 7.2010,  
-14.8710

■ 70.1340, 4.9540,  
-12.6940

■ 250.5260, 9.7220,  
-10.9980

■ 47.6610, 4.9080,  
-11.8600

■ 254.4300, 1.6050,  
-1.5550

■ 26.8460, 5.8250,  
-11.9590

■ 4.6960, -2.2000,  
-4.1840

■ 0.0000, 0.0000,

0.0000

■ 144.6780, 6.2380,  
-13.9380

■ 144.6780, 6.2380,  
-13.9380

■ 141.7720, 8.6690,  
-19.4510

■ 147.5840, 3.8070,  
-8.4250

■ 138.8660, 11.1000,  
-24.9640

■ 150.4900, 1.3760,  
-2.9120

■ 135.8460, 13.8520,  
-30.7880

■ 153.5100, -1.3760,  
2.9120

■ 132.9400, 16.2830,  
-36.3010

■ 156.4160, -3.8070,  
8.4250

■ 130.0340, 18.7140,  
-41.8140

■ 159.3220, -6.2380,  
13.9380

■ 127.1280, 21.1450,  
-47.3270

■ 162.2280, -8.6690,  
19.4510

■ 124.2220, 23.5760,  
-52.8400

■ 165.1340,  
-11.1000, 24.9640

■ 122.7120, 24.9520,  
-55.7520

■ 168.1540,  
-13.8520, 30.7880

■ 171.0600,  
-16.2830, 36.3010

# Harmonies

## Analogous

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



146.6800, 21.0920, -7.8040



144.6780, 6.2380, -13.9380



141.9300, -12.1470, -16.6510

# Triad

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



144.6780, 6.2380, -13.9380



141.7040, -40.2090, -3.6730



150.6600, 24.9850, 15.2650

# Complementary

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



144.6780, 6.2380, -13.9380



121.3220, -6.2380, 13.9380

# 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.



150.9990, 10.9090, 17.0610



144.6780, 6.2380, -13.9380



146.2160, -26.7310, 5.3730

# Square

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



144.6780, 6.2380, -13.9380



139.3630, -40.9870, -11.6030



149.4250, -8.0260, 13.3020



149.6790, 32.0010, 9.2570



# Rectangle

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



144.6780, 6.2380, -13.9380



140.6990, -24.6180, -16.4100



149.4250, -8.0260, 13.3020



151.0340, 20.9960, 15.9720

# Sweetspot

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



144.6780, 6.2380, -13.9380



193.6210, 2.3850, -4.6790



131.2320, 19.8980, 2.8260



97.4900, 1.3760, -2.9120



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000



# Same Dimension

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



144.6780, 6.2380, -13.9380



184.7890, 9.9990, -21.5290



139.2960, -4.4900, -17.7540



75.1910, 0.7800, -3.1240



112.9770, 22.8880, -51.3840



10.3220, 1.7890, -4.8910



# Inverse Universe

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



121.3220, -6.2380, 13.9380



148.5100, -9.4030, 21.7410



127.0030, 5.0860, 17.9660



70.5100, -1.3760, 2.9120



27.0230, -22.8880, 51.3840



2.3790, -2.3850, 4.6790



# Previews

## White Background



This preview shows how the YIQ color 144.6780, 6.2380, -13.9380 looks on a white 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



# Black Background



This preview shows how the YIQ color 144.6780, 6.2380, -13.9380 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

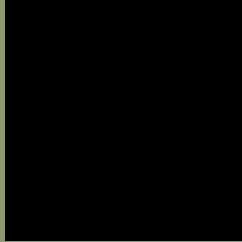
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 144.6780, 6.2380, -13.9380

## Background



This preview shows how black text looks on a background with the YIQ color 144.6780, 6.2380, -13.9380.



This preview shows how white text looks on a background with the YIQ color 144.6780, 6.2380, -13.9380.

-13.9380.

# 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

144.6780, 6.2380, -13.9380

### Protanopia

146.2990, 17.7910, -8.5530

### Deuteranopia

148.0060, 26.2260, -1.7260



## Tritanopia

147.9660, -2.6600, 4.1560

# Trichromacy



## Original Color

144.6780, 6.2380, -13.9380

## Protanomaly

145.7930, 13.3440, -10.5600

## Deuteranomaly

146.9510, 18.8910, -6.4610

## Tritanomaly

146.7180, 0.7340, -2.2900

# Monochromacy



## Original Color

144.6780, 6.2380, -13.9380

## Achromatopsia

145.0000, 0.0000, -0.0000

## Achromatomaly

145.2080, 2.1100, -5.2020

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 144.6780, 6.2380, -13.9380 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(142, 152, 114)` looks like.

```
.text, #text, p{  
    color:rgb(142, 152, 114)  
}
```

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(142, 152, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 152, 114) }
```

## Border

The CSS property to change the border of an element to YIQ 144.6780, 6.2380, -13.9380 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(142, 152, 114) }
```



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

```
.border{ border-color:rgb(142, 152, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 152, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 152, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 152, 114);  
box-shadow:4px 4px 4px 4px rgb(142, 152,  
114) }
```

# Background

The CSS property to change the background color of an element to YIQ 144.6780, 6.2380, -13.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 152, 114) }
```

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

```
.background{ background-color: rgb(142,  
152, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor