

# Converting Colors

YIQ(143.9780, 23.4290, -0.5950)

Have a look what the booklet for  
YIQ(143.9780, 23.4290, -0.5950)  
contains.

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# Color

**YIQ(143.9780, 23.4290,  
-0.5950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A68A75
RGB	166, 138, 117
RGB Percent	65%, 54%, 46%
CMY	0.3490, 0.4589, 0.5411
CMYK	0.00, 0.17, 0.30, 0.35
HSL	26°, 22%, 55%
HSV	26°, 30%, 65%
XYZ	28.0281, 27.5670, 20.6819
YIQ	143.9780, 23.4290, -0.5950

# Conversions

## Conversions Part 2

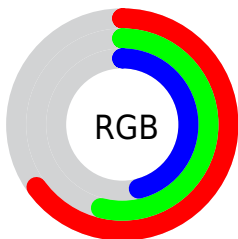
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 154, 117
Decimal	10914421
CIE <sub>Lab</sub>	59.50, 7.39, 15.20
CIE <sub>LCh</sub>	59, 16.900, 64.062
Yxy	27.5670, 0.3675, 0.3614
Android (android.graphics.Color)	4289104501 (0xFFA68A75)
YUV	143.9780, -13.3002, 19.3133
Hunter-Lab	52.5043, 3.4050, 13.3981

# Details

The YIQ color  $143.9780, 23.4290, -0.5950$  is a dark color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $139.0220, -23.4290, 0.5950$ , and the grayscale version is  $144.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $197.7610, 25.5380, -0.2700$ , and  $93.3090, 20.9990, -0.6090$  is the 20% darker color. If you saturate the color by 10%, you get  $136.1700, 31.6360, -0.6520$ , and if you desaturate by 10%, it is  $151.1990, 15.4970, -0.0150$ .

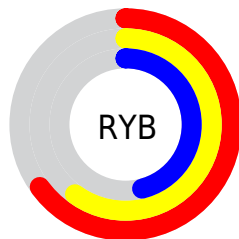
# Distribution



Red (65%)

Green (54%)

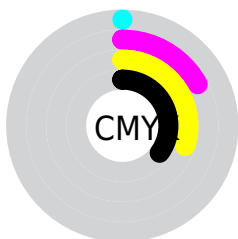
Blue (46%)



Red (65%)

Yellow (60%)

Blue (46%)

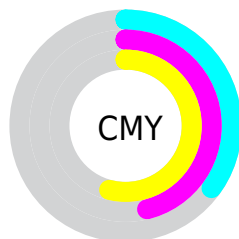


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (35%)



Cyan (35%)

Magenta (46%)


Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 143.9780, 23.4290, -0.5950 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 143.9780, 23.4290, -0.5950 by changing the saturation by 10% instead.





 143.9780, 23.4290,  
-0.5950


 143.9780, 23.4290,  
-0.5950


255.0000, -0.0000,  
-0.0000


 118.3800, 22.2370,  
-1.0190


 197.7610, 25.5380,  
-0.2700

 93.3090, 20.9990,  
-0.6090


 225.9460, 26.4550,  
-0.3690


 69.7110, 19.8070,  
-1.0330

 247.3570, 11.8760,  
-5.9800

 47.2270, 18.2940,  
-1.1460

254.7720, 0.6420,  
-0.6220

 25.4720, 18.9820,  
-2.6020

 3.8870, 7.7480,  
2.7560

 0.0000, 0.0000,

0.0000

■ 143.9780, 23.4290,  
-0.5950

■ 143.9780, 23.4290,  
-0.5950

■ 136.1700, 31.6360,  
-0.6520

■ 151.1990, 15.4970,  
-0.0150

■ 129.0630, 39.2470,  
-0.9210

■ 158.8930, 7.6110,  
-0.2690

■ 121.8420, 47.1790,  
-1.5010

■ 166.1140, -0.3210,  
0.3110

■ 114.1480, 55.0650,  
-1.2470

■ 173.8080, -8.2070,  
0.0570

■ 106.9270, 62.9970,  
-1.8270

■ 181.0290,  
-16.1390, 0.6370

■ 99.1190, 71.2040,  
-1.8840

■ 188.8370,  
-24.3460, 0.6940

■ 92.0120, 78.8150,  
-2.1530

■ 195.9440,  
-31.9570, 0.9630

■ 91.3110, 79.4110,  
-1.9410

■ 203.7520,  
-40.1640, 1.0200

■ 209.6050,  
-44.2440, -2.1320

# Harmonies

## Analogous

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



144.8630, 25.4910, 6.0910



143.9780, 23.4290, -0.5950



142.6840, 15.2690, -6.8990

# Triad

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



143.9780, 23.4290, -0.5950



137.7470, -24.5730, -11.7170



144.9970, -3.9450, 10.9270

# Complementary

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



143.9780, 23.4290, -0.5950



139.0220, -23.4290, 0.5950

# 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.



142.8210, -18.2490, 5.8390



143.9780, 23.4290, -0.5950



137.5600, -31.1760, -7.6880

# Square

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



143.9780, 23.4290, -0.5950



139.3370, -11.7350, -13.1030



139.3310, -28.7930, -1.3130



146.1790, 10.2220, 12.9900



# Rectangle

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



143.9780, 23.4290, -0.5950



141.3840, 7.2460, -10.1780



139.3310, -28.7930, -1.3130



144.0180, -8.4380, 9.7540

# Sweetspot

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



143.9780, 23.4290, -0.5950



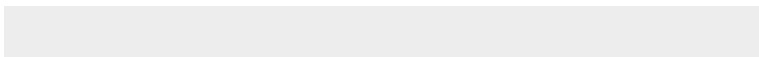
208.2630, 9.4450, -0.4670



134.9570, 19.8950, 19.4070



104.5230, 5.7770, -0.0710



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



143.9780, 23.4290, -0.5950



182.5080, 36.4960, -0.6240



158.0660, 16.8290, -13.1470



80.1530, 3.9430, 0.1270



81.2330, 70.8830, -1.5730



11.2630, 9.4450, -0.4670



# Inverse Universe

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



139.0220, -23.4290, 0.5950



174.9050, -36.2210, 1.1470



124.9340, -16.8290, 13.1470



79.8470, -3.9430, -0.1270



66.7670, -70.8830, 1.5730



9.3240, -9.7200, -0.0560



# Previews

## White Background



This preview shows how the YIQ color 143.9780, 23.4290, -0.5950 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

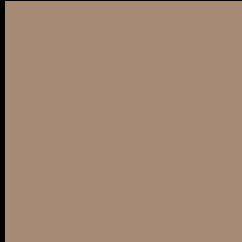
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 143.9780, 23.4290, -0.5950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

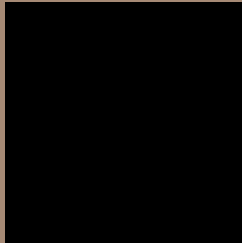
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**YIQ 143.9780, 23.4290, -0.5950**

## **Background**



This preview shows how black text looks on a background with the YIQ color 143.9780, 23.4290, -0.5950.



This preview shows how white text looks on a background with the YIQ color 143.9780, 23.4290,

-0.5950.

# 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

143.9780, 23.4290, -0.5950

### Protanopia

142.6560, 12.4720, -5.7680

### Deuteranopia

143.9780, 23.4290, -0.5950



## Tritanopia

145.6050, 17.6500, 10.5300

# Trichromacy



## Original Color

143.9780, 23.4290, -0.5950

## Protanomaly

142.8630, 16.3230, -3.9730

## Deuteranomaly

143.9780, 23.4290, -0.5950

## Tritanomaly

144.7530, 19.9890, 6.6850

# Monochromacy



## Original Color

143.9780, 23.4290, -0.5950

## Achromatopsia

144.0000, -0.0000, 0.0000

## Achromatomaly

144.0780, 8.5280, -0.3680

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 143.9780, 23.4290, -0.5950 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(166, 138, 117)` looks like.

```
.text, #text, p{  
    color:rgb(166, 138, 117)  
}
```

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(166, 138, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 138, 117) }
```

## Border

The CSS property to change the border of an element to YIQ 143.9780, 23.4290, -0.5950 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(166, 138, 117) }
```



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

```
.border{ border-color:rgb(166, 138, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 138, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 138, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 138, 117); box-shadow:4px 4px 4px 4px rgb(166, 138, 117) }
```

# Background

The CSS property to change the background color of an element to YIQ 143.9780, 23.4290, -0.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 138, 117) }
```

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

```
.background{ background-color: rgb(166,  
138, 117) }
```

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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