

Converting Colors

YIQ(174.3850, -3.6630,
-27.2390)

Have a look what the booklet for
YIQ(174.3850, -3.6630, -27.2390)
contains.

YIQ(174.3850, -3.6630, -27.2390)	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(174.3850, -3.6630,
-27.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	9AC184
RGB	154, 193, 132
RGB Percent	60%, 76%, 52%
CMY	0.3962, 0.2431, 0.4823
CMYK	0.20, 0.00, 0.32, 0.24
HSL	98°, 33%, 64%
HSV	98°, 32%, 76%
XYZ	36.5591, 46.6800, 28.9161
YIQ	174.3850, -3.6630, -27.2390

Conversions

Conversions Part 2

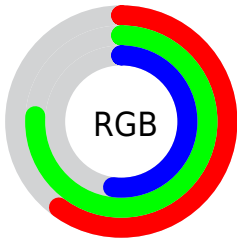
Format	Color
RYB	132, 193, 171
Decimal	10142084
CIELab	73.98, -24.24, 26.59
CIELCh	74, 35.980, 132.350
Yxy	46.6800, 0.3260, 0.4162
Android (android.graphics.Color)	4288332164 (0xFF9AC184)
YUV	174.3850, -20.8958, -17.8776
Hunter-Lab	68.3228, -24.0507, 22.7328

Details

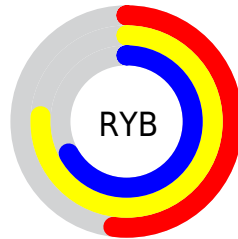
The YIQ color $174.3850, -3.6630, -27.2390$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $150.6150, 3.6630, 27.2390$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.4450, -3.8920, -28.5960$, and $121.4390, -3.7550, -25.5710$ is the 20% darker color. If you saturate the color by 10%, you get $168.6310, -4.7160, -35.6920$, and if you desaturate by 10%, it is $180.1390, -2.6100, -18.7860$.

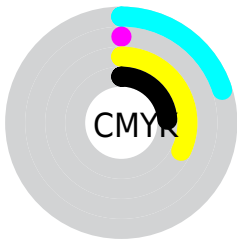
Distribution



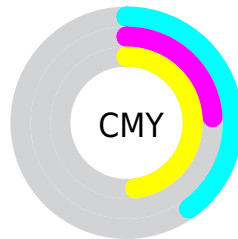
- Red (60%)
- Green (76%)
- Blue (52%)



- Red (52%)
- Yellow (76%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)



- Cyan (40%)
- Magenta (24%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.3850, -3.6630, -27.2390 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 174.3850, -3.6630, -27.2390 by changing the saturation by 10% instead.

■ 174.3850, -3.6630,
-27.2390

■ 174.3850, -3.6630,
-27.2390

■ 255.0000, -0.0000,
-0.0000

■ 147.4990, -3.9840,
-26.9280

■ 230.4450, -3.8920,
-28.5960

■ 121.4390, -3.7550,
-25.5710

■ 245.1290, 3.3500,
-16.6660

■ 96.5530, -4.0760,
-25.2600

■ 253.5180, 4.1730,
-4.0430

■ 71.7810, -4.7180,
-24.6380

■ 48.3080, -4.7640,
-23.8040

■ 27.3340, -7.6530,
-21.0050

■ 12.9140, -6.0500,

-11.5060

■ 0.0000, 0.0000,
0.0000

■ 174.3850, -3.6630,
-27.2390

■ 174.3850, -3.6630,
-27.2390

■ 168.6310, -4.7160,
-35.6920

■ 180.1390, -2.6100,
-18.7860

■ 162.4640, -6.0440,
-44.6680

■ 186.3060, -1.2820,
-9.8100

■ 156.7100, -7.0970,
-53.1210

■ 192.0600, -0.2290,
-1.3570

■ 150.9560, -8.1500,
-61.5740

■ 197.8140, 0.8240,
7.0960

■ 144.7890, -9.4780,
-70.5500

■ 203.9810, 2.1520,
16.0720

■ 139.0350,
-10.5310, -79.0030

■ 209.7350, 3.2050,
24.5250

■ 133.9220,
-11.9510, -86.3110

■ 214.1210, 8.1100,
29.2460

■ 218.0080, 15.8580,
32.0020

■ 218.6060, 17.0500,
32.4260

Harmonies

Analogous

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



178.4550, 25.6790, -19.3530



174.3850, -3.6630, -27.2390



168.6660, -38.1870, -29.3150

Triad

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



174.3850, -3.6630, -27.2390



171.3280, -68.2690, -1.7490



185.2780, 49.7880, 22.8120

Complementary

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



174.3850, -3.6630, -27.2390



150.6150, 3.6630, 27.2390

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.



186.4410, 30.5760, 29.5840



174.3850, -3.6630, -27.2390



180.9460, -34.2980, 15.8620

Square

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



174.3850, -3.6630, -27.2390



160.7240, -87.6600, -19.2760



185.6470, 0.6370, 27.0130



183.8850, 54.7880, 9.2840

Rectangle

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



174.3850, -3.6630, -27.2390



164.2750, -61.8910, -29.2430



185.6470, 0.6370, 27.0130



185.9340, 45.0650, 25.8090

Sweetspot

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



174.3850, -3.6630, -27.2390



243.1920, -0.9610, -10.1210



173.1320, 25.6310, -7.4650



120.7130, -0.8700, -6.2620



252.0000, 0.0000, 0.0000



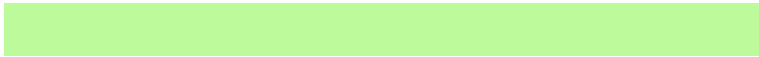
125.0000, 0.0000, 0.0000

Same Dimension

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



174.3850, -3.6630, -27.2390



220.9310, -5.8610, -42.4770



168.7190, -19.3430, -29.4150



94.0660, -0.3660, -4.3820



111.8490, -9.7070, -71.9070



22.9590, -1.9230, -14.7150

Inverse Universe

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



150.6150, 3.6630, 27.2390



184.0690, 5.8610, 42.4770



156.2810, 19.3430, 29.4150



89.9340, 0.3660, 4.3820



49.1510, 9.7070, 71.9070



10.0410, 1.9230, 14.7150

Previews

White Background



This preview shows how the YIQ color 174.3850, -3.6630, -27.2390 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 174.3850, -3.6630, -27.2390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

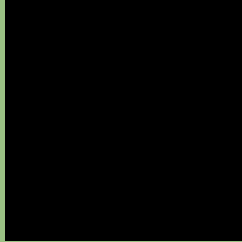
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.3850, -3.6630, -27.2390

Background



This preview shows how black text looks on a background with the YIQ color 174.3850, -3.6630, -27.2390.



This preview shows how white text looks on a background with the YIQ color 174.3850, -3.6630,

-27.2390.

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

174.3850, -3.6630, -27.2390

Protanopia

179.3290, 26.2740, -13.6140

Deuteranopia

181.6280, 36.0380, -3.3380



Tritanopia

180.3170, -17.0100, -0.0980

Trichromacy



Original Color

174.3850, -3.6630, -27.2390

Protanomaly

177.4200, 15.5920, -18.2640

Deuteranomaly

179.0450, 21.3220, -11.9740

Tritanomaly

178.1460, -12.5150, -9.9790

Monochromacy



Original Color

174.3850, -3.6630, -27.2390

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.3060, -1.2820, -9.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.3850, -3.6630, -27.2390 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(154, 193, 132)` looks like.

```
.text, #text, p{  
    color:rgb(154, 193, 132)  
}
```

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(154, 193, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 193, 132) }
```

Border

The CSS property to change the border of an element to YIQ 174.3850, -3.6630, -27.2390 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(154, 193, 132) }
```


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

```
.border{ border-color:rgb(154, 193, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 193, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 193, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 193, 132);  
box-shadow:4px 4px 4px 4px rgb(154, 193,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 174.3850, -3.6630, -27.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 193, 132) }
```

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

```
.background{ background-color: rgb(154,  
193, 132) }
```

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