

Converting Colors

YIQ(136.7760, 3.9870, 10.3470)

Have a look what the booklet for
YIQ(136.7760, 3.9870, 10.3470)
contains.

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Color

**YIQ(136.7760, 3.9870,
10.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	938196
RGB	147, 129, 150
RGB Percent	58%, 51%, 59%
CMY	0.4235, 0.4941, 0.4118
CMYK	0.02, 0.14, 0.00, 0.41
HSL	291°, 9%, 55%
HSV	291°, 14%, 59%
XYZ	25.3895, 24.1049, 32.1687
YIQ	136.7760, 3.9870, 10.3470

Conversions

Conversions Part 2

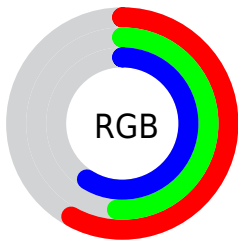
Format	Color
R_{YB}	147, 129, 150
Decimal	9666966
CIE _{Lab}	56.19, 10.84, -8.74
CIE _{LCh}	56, 13.921, 321.135
Yxy	24.1049, 0.3109, 0.2952
Android (android.graphics.Color)	4287857046 (0xFF938196)
YUV	136.7760, 6.5194, 8.9664
Hunter-Lab	49.0967, 6.3886, -4.4797

Details

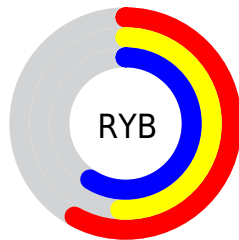
The YIQ color $136.7760, 3.9870, 10.3470$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $142.2240, -3.9870, -10.3470$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.1890, 4.2620, 10.8700$, and $86.9500, 3.4370, 9.3010$ is the 20% darker color. If you saturate the color by 10%, you get $127.3730, 6.9200, 17.7680$, and if you desaturate by 10%, it is $146.1790, 1.0540, 2.9260$.

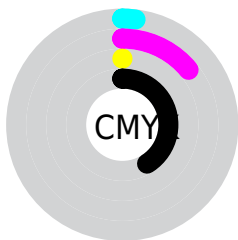
Distribution



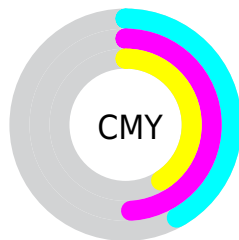
- Red (58%)
- Green (51%)
- Blue (59%)



- Red (58%)
- Yellow (51%)
- Blue (59%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (41%)



- Cyan (42%)
- Magenta (49%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.7760, 3.9870, 10.3470 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 136.7760, 3.9870, 10.3470 by changing the saturation by 10% instead.

■ 136.7760, 3.9870,
10.3470

■ 136.7760, 3.9870,
10.3470

255.0000, -0.0000,
-0.0000

■ 111.3630, 3.7120,
9.8240

■ 190.1890, 4.2620,
10.8700

■ 86.9500, 3.4370,
9.3010

■ 217.6020, 4.5370,
11.3930

■ 63.5370, 3.1620,
8.7780

■ 245.0210, 4.6750,
8.8910

■ 41.5370, 3.1620,
8.7780

■ 20.4230, 3.4830,
8.4670

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,

0.0000

■ 136.7760, 3.9870,
10.3470

■ 136.7760, 3.9870,
10.3470

■ 127.3730, 6.9200,
17.7680

■ 146.1790, 1.0540,
2.9260

■ 117.9700, 9.8530,
25.1890

■ 155.5820, -1.8790,
-4.4950

■ 108.5670, 12.7860,
32.6100

■ 164.9850, -4.8120,
-11.9160

■ 98.8650, 15.1230,
39.8190

■ 174.6870, -7.1490,
-19.1250

■ 89.4620, 18.0560,
47.2400

■ 184.0900,
-10.0820, -26.5460

■ 80.0590, 20.9890,
54.6610

■ 193.4930,
-13.0150, -33.9670

70.6560, 23.9220,
62.0820

202.8960,
-15.9480, -41.3880

61.2530, 26.8550,
69.5030

212.2990,
-18.8810, -48.8090

55.6710, 28.7340,
73.9980

216.4190,
-19.3390, -51.5230

Harmonies

Analogous

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



135.4370, -8.3000, 7.2520



136.7760, 3.9870, 10.3470



137.3380, 14.0280, 10.0920

Triad

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



136.7760, 3.9870, 10.3470



134.9770, 16.0020, -3.6620



130.4530, -23.5650, -7.9570

Complementary

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



136.7760, 3.9870, 10.3470



142.2240, -3.9870, -10.3470

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.



130.8790, -16.1370, -10.4170



136.7760, 3.9870, 10.3470



133.5520, 6.8330, -8.1990

Square

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



136.7760, 3.9870, 10.3470



135.8900, 20.8610, 1.8930



131.9250, -4.5830, -10.5590



131.3160, -24.4370, -3.1650

Rectangle

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



136.7760, 3.9870, 10.3470



136.7360, 18.6590, 8.7630



131.9250, -4.5830, -10.5590



130.2960, -21.6850, -8.9890

Sweetspot

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



136.7760, 3.9870, 10.3470



189.0050, 1.6040, 3.9720



133.1550, -7.5660, 4.9620



93.7660, 0.7790, 2.4030



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



136.7760, 3.9870, 10.3470



173.1340, 6.0950, 16.1990



136.8750, 8.0220, 8.8060



69.5920, 1.3290, 3.4490



51.0140, 26.0300, 67.9340



3.8310, 2.1540, 5.0180

Inverse Universe

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



135.6210, 11.5530, 5.3850



171.4370, 18.0630, 8.5510



142.1250, -8.0220, -8.8060



69.2070, 3.8510, 1.7950



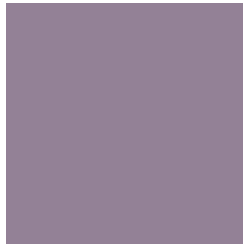
43.5420, 75.8280, 35.4760



3.1040, 5.6390, 2.4310

Previews

White Background



This preview shows how the YIQ color 136.7760, 3.9870, 10.3470 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 136.7760, 3.9870, 10.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

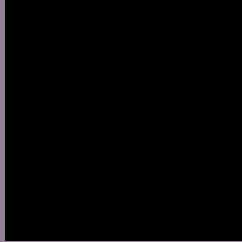
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.7760, 3.9870, 10.3470

Background



This preview shows how black text looks on a background with the YIQ color 136.7760, 3.9870, 10.3470.



This preview shows how white text looks on a background with the YIQ color 136.7760, 3.9870,

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

136.7760, 3.9870, 10.3470

Protanopia

135.5680, -7.2910, 5.4850

Deuteranopia

136.1560, -0.1390, 8.0290



Tritanopia

136.6250, 5.7300, 6.2900

Trichromacy



Original Color

136.7760, 3.9870, 10.3470

Protanomaly

135.7750, -3.4400, 7.2800

Deuteranomaly

136.1670, 1.3280, 8.9760

Tritanomaly

136.3800, 5.0420, 7.7460

Monochromacy



Original Color

136.7760, 3.9870, 10.3470

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7760, 3.9870, 10.3470 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(147, 129, 150)` looks like.

```
.text, #text, p{  
    color:rgb(147, 129, 150)  
}
```

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(147, 129, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 129, 150) }
```

Border

The CSS property to change the border of an element to YIQ 136.7760, 3.9870, 10.3470 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(147, 129, 150) }
```


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

```
.border{ border-color:rgb(147, 129, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 129, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 129, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 129, 150);  
box-shadow:4px 4px 4px 4px rgb(147, 129,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7760, 3.9870, 10.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 129, 150) }
```

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

```
.background{ background-color: rgb(147,  
129, 150) }
```

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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