

Converting Colors

YIQ(153.8610, 1.4690, -10.1070)

Have a look what the booklet for
YIQ(153.8610, 1.4690, -10.1070)
contains.

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Color

**YIQ(153.8610, 1.4690,
-10.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	95A087
RGB	149, 160, 135
RGB Percent	58%, 63%, 53%
CMY	0.4157, 0.3725, 0.4706
CMYK	0.07, 0.00, 0.16, 0.37
HSL	86°, 12%, 58%
HSV	86°, 16%, 63%
XYZ	29.3377, 33.2812, 27.8017
YIQ	153.8610, 1.4690, -10.1070

Conversions

Conversions Part 2

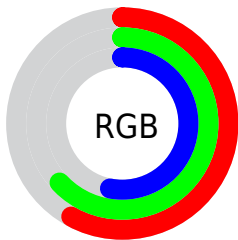
Format	Color
R _Y B	135, 160, 146
Decimal	9805959
CIE Lab	64.39, -8.59, 11.72
CIE LCh	64, 14.530, 126.248
Yxy	33.2812, 0.3245, 0.3681
Android (android.graphics.Color)	4287996039 (0xFF95A087)
YUV	153.8610, -9.2985, -4.2631
Hunter-Lab	57.6899, -10.1825, 11.8101

Details

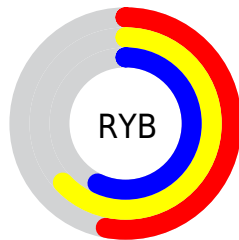
The YIQ color **153.8610, 1.4690, -10.1070** is a light color, and the websafe version is hex **999999**. A complement of this color would be **141.1390, -1.4690, 10.1070**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.3340, 1.5150, -10.9410**, and **102.9750, 1.1480, -9.7960** is the 20% darker color. If you saturate the color by 10%, you get **149.9440, 2.4330, -16.5670**, and if you desaturate by 10%, it is **157.7780, 0.5050, -3.6470**.

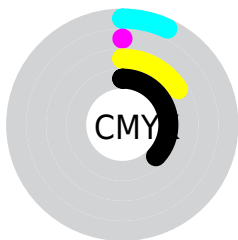
Distribution



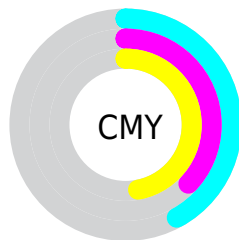
- Red (58%)
- Green (63%)
- Blue (53%)



- Red (53%)
- Yellow (63%)
- Blue (57%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.8610, 1.4690, -10.1070 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 153.8610, 1.4690, -10.1070 by changing the saturation by 10% instead.

■ 153.8610, 1.4690,
-10.1070

■ 153.8610, 1.4690,
-10.1070

■ 255.0000, -0.0000,
-0.0000

■ 127.9750, 1.1480,
-9.7960

■ 208.3340, 1.5150,
-10.9410

■ 102.9750, 1.1480,
-9.7960

■ 236.3340, 1.5150,
-10.9410

■ 78.5020, 1.1020,
-8.9620

■ 253.8600, 3.2100,
-3.1100

■ 55.6160, 0.7810,
-8.6510

■ 34.1430, 0.7350,
-7.8170

■ 11.7510, -4.0330,
-9.5130

■ 0.0000, 0.0000,

0.0000

■ 153.8610, 1.4690,
-10.1070

■ 153.8610, 1.4690,
-10.1070

■ 149.9440, 2.4330,
-16.5670

■ 157.7780, 0.5050,
-3.6470

■ 146.0270, 3.3970,
-23.0270

■ 161.6950, -0.4590,
2.8130

■ 142.1100, 4.3610,
-29.4870

■ 165.6120, -1.4230,
9.2730

■ 138.1930, 5.3250,
-35.9470

■ 169.5290, -2.3870,
15.7330

■ 134.2760, 6.2890,
-42.4070

■ 173.4460, -3.3510,
22.1930

■ 130.3590, 7.2530,
-48.8670

■ 177.3630, -4.3150,
28.6530

■ 126.4420, 8.2170,
-55.3270

■ 181.2800, -5.2790,
35.1130

■ 122.5250, 9.1810,
-61.7870

■ 184.2850, -3.6750,
39.0850

■ 120.5310, 9.0440,
-64.8120

■ 186.3780, 0.4970,
40.5690

Harmonies

Analogous

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



155.4280, 13.1140, -6.3900



153.8610, 1.4690, -10.1070



152.5760, -10.9100, -11.5340

Triad

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



153.8610, 1.4690, -10.1070



153.1960, -23.9790, -0.4510



158.5620, 19.2090, 9.8090

Complementary

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



153.8610, 1.4690, -10.1070



141.1390, -1.4690, 10.1070

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.



158.5380, 10.5890, 11.8450



153.8610, 1.4690, -10.1070



155.6750, -14.9020, 5.7540

Square

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



153.8610, 1.4690, -10.1070



151.9520, -26.4080, -5.9920



157.8400, -2.0650, 9.8950



157.6670, 23.1070, 5.2430

Rectangle

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



153.8610, 1.4690, -10.1070



151.7970, -18.8420, -10.9540



157.8400, -2.0650, 9.8950



158.4200, 16.7330, 10.6290

Sweetspot

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



153.8610, 1.4690, -10.1070



206.3650, 0.2300, -4.1700



148.9320, 11.8750, -0.4530



103.3050, 0.4590, -2.8130



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



153.8610, 1.4690, -10.1070



199.3570, 2.7080, -16.0440



150.2730, -5.6830, -12.6510



77.1910, 0.7800, -3.1240



107.8610, 8.3550, -57.8290



11.4960, 1.2390, -5.9370

Inverse Universe

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



141.1390, -1.4690, 10.1070



178.9420, -2.1120, 16.2560



144.7270, 5.6830, 12.6510



73.1080, -0.1840, 3.3360



35.1390, -8.3550, 57.8290



3.8030, -0.6430, 6.1490

Previews

White Background



This preview shows how the YIQ color 153.8610, 1.4690, -10.1070 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 153.8610, 1.4690, -10.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

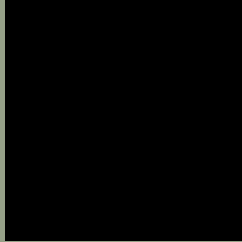
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

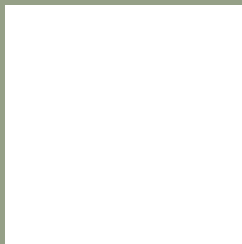
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 153.8610, 1.4690, -10.1070

Background



This preview shows how black text looks on a background with the YIQ color 153.8610, 1.4690, -10.1070.



This preview shows how white text looks on a background with the YIQ color 153.8610, 1.4690, -10.1070.

-10.1070.

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

153.8610, 1.4690, -10.1070

Protanopia

155.7700, 12.1510, -5.4570

Deuteranopia

156.8900, 20.8610, 1.8930



Tritanopia

156.1830, -4.7690, 3.8310

Trichromacy



Original Color

153.8610, 1.4690, -10.1070

Protanomaly

154.9760, 8.5750, -6.7290

Deuteranomaly

155.8350, 13.5260, -2.8420

Tritanomaly

155.3910, -2.6590, -1.3710

Monochromacy



Original Color

153.8610, 1.4690, -10.1070

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.7780, 0.5050, -3.6470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.8610, 1.4690, -10.1070 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(149, 160, 135)` looks like.

```
.text, #text, p{  
    color:rgb(149, 160, 135)  
}
```

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(149, 160, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 160, 135) }
```

Border

The CSS property to change the border of an element to YIQ 153.8610, 1.4690, -10.1070 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(149, 160, 135) }
```


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

```
.border{ border-color:rgb(149, 160, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 160, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 160, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 160, 135);  
box-shadow:4px 4px 4px 4px rgb(149, 160,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 153.8610, 1.4690, -10.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 160, 135) }
```

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

```
.background{ background-color: rgb(149,  
160, 135) }
```

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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