

Converting Colors

YIQ(153.0850, 6.6500, -10.3900)

Have a look what the booklet for
YIQ(153.0850, 6.6500, -10.3900)
contains.

YIQ(153.0850, 6.6500, -10.3900)	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(153.0850, 6.6500,
-10.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	999E80
RGB	153, 158, 128
RGB Percent	60%, 62%, 50%
CMY	0.4000, 0.3804, 0.4980
CMYK	0.03, 0.00, 0.19, 0.38
HSL	70°, 13%, 56%
HSV	70°, 19%, 62%
XYZ	29.2597, 32.7848, 25.2124
YIQ	153.0850, 6.6500, -10.3900

Conversions

Conversions Part 2

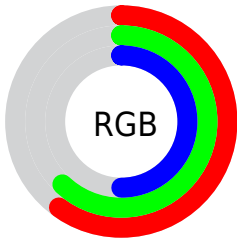
Format	Color
RYB	128, 158, 133
Decimal	10067584
CIELab	63.99, -7.16, 15.09
CIELCh	64, 16.705, 115.377
Yxy	32.7848, 0.3353, 0.3757
Android (android.graphics.Color)	4288257664 (0xFF999E80)
YUV	153.0850, -12.3669, -0.0745
Hunter-Lab	57.2580, -8.9853, 13.9735

Details

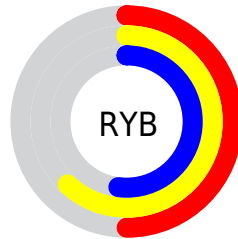
The YIQ color **153.0850, 6.6500, -10.3900** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **132.9150, -6.6500, 10.3900**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.5580, 6.6960, -11.2240**, and **102.3130, 6.0080, -9.7680** is the 20% darker color. If you saturate the color by 10%, you get **150.3640, 9.9980, -16.0020**, and if you desaturate by 10%, it is **155.8060, 3.3020, -4.7780**.

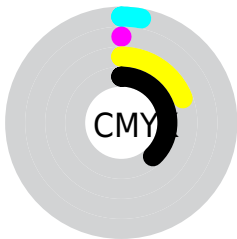
Distribution



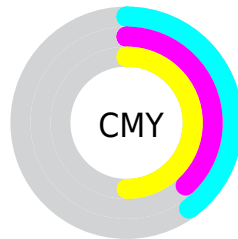
- Red (60%)
- Green (62%)
- Blue (50%)



- Red (50%)
- Yellow (62%)
- Blue (52%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)



- Cyan (40%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.0850, 6.6500, -10.3900 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 153.0850, 6.6500, -10.3900 by changing the saturation by 10% instead.

■ 153.0850, 6.6500,
-10.3900

■ 153.0850, 6.6500,
-10.3900

■ 255.0000, -0.0000,
-0.0000

■ 127.1990, 6.3290,
-10.0790

■ 207.5580, 6.6960,
-11.2240

■ 102.3130, 6.0080,
-9.7680

■ 235.7430, 7.6130,
-11.3230

■ 78.4270, 5.6870,
-9.4570

■ 252.9480, 5.7780,
-5.5980

■ 55.2420, 4.7700,
-9.3580

■ 33.6550, 5.0450,
-8.8350

■ 11.7620, -2.5660,
-8.5660

■ 0.0000, 0.0000,

0.0000

■ 153.0850, 6.6500,
-10.3900

■ 153.0850, 6.6500,
-10.3900

■ 150.3640, 9.9980,
-16.0020

■ 155.8060, 3.3020,
-4.7780

■ 147.9420, 13.9420,
-21.4020

■ 158.2280, -0.6420,
0.6220

■ 145.3350, 16.9690,
-26.7030

■ 160.8350, -3.6690,
5.9230

■ 142.6140, 20.3170,
-32.3150

■ 163.5560, -7.0170,
11.5350

■ 140.1920, 24.2610,
-37.7150

■ 165.9780,
-10.9610, 16.9350

■ 137.4710, 27.6090,
-43.3270

■ 168.6990,
-14.3090, 22.5470

■ 135.0490, 31.5530,
-48.7270

■ 171.1210,
-18.2530, 27.9470

■ 132.4420, 34.5800,
-54.0280

■ 173.7280,
-21.2800, 33.2480

■ 132.2140, 35.2220,
-54.6500

■ 174.7390,
-19.8130, 34.1950

Harmonies

Analogous

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



154.7060, 18.2030, -5.0050



153.0850, 6.6500, -10.3900



151.4900, -7.7920, -12.9760

Triad

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



153.0850, 6.6500, -10.3900



150.7930, -30.2140, -3.0940



157.8440, 18.4750, 12.0990

Complementary

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



153.0850, 6.6500, -10.3900



132.9150, -6.6500, 10.3900

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.



157.3250, 6.8750, 13.0750



153.0850, 6.6500, -10.3900



153.5000, -21.7790, 3.7330

Square

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



153.0850, 6.6500, -10.3900



149.1040, -29.8920, -8.9320



156.3170, -7.8420, 9.9660



157.0310, 25.0780, 8.0700

Rectangle

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



153.0850, 6.6500, -10.3900



150.1130, -16.9160, -12.8200



156.3170, -7.8420, 9.9660



157.8160, 15.6780, 13.2300

Sweetspot

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



153.0850, 6.6500, -10.3900



204.6210, 2.3850, -4.6790



139.9050, 16.5050, 3.7450



103.4900, 1.3760, -2.9120



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.



153.0850, 6.6500, -10.3900



199.1360, 10.6400, -16.6240



148.6000, -2.2900, -13.5700



77.7890, 1.9720, -2.7000



119.5220, 31.5990, -49.5610



12.6920, 3.6230, -5.0890

Inverse Universe

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



132.9150, -6.6500, 10.3900



166.8640, -10.6400, 16.6240



137.4000, 2.2900, 13.5700



72.2110, -1.9720, 2.7000



23.4780, -31.5990, 49.5610



2.6070, -3.0270, 5.3010

Previews

White Background



This preview shows how the YIQ color 153.0850, 6.6500, -10.3900 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 153.0850, 6.6500, -10.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

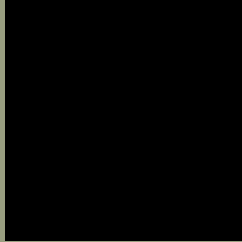
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

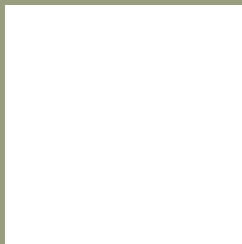
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 153.0850, 6.6500, -10.3900

Background



This preview shows how black text looks on a background with the YIQ color 153.0850, 6.6500, -10.3900.



This preview shows how white text looks on a background with the YIQ color 153.0850, 6.6500,

-10.3900.

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

153.0850, 6.6500, -10.3900

Protanopia

154.3850, 14.6730, -7.1110

Deuteranopia

155.8040, 23.9790, 0.4510



Tritanopia

155.8630, -0.8720, 4.7920

Trichromacy



Original Color

153.0850, 6.6500, -10.3900

Protanomaly

153.8900, 11.6930, -8.1710

Deuteranomaly

154.7600, 18.1110, -3.3370

Tritanomaly

154.9570, 1.5590, -0.7210

Monochromacy



Original Color

153.0850, 6.6500, -10.3900

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.1480, 2.3390, -3.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.0850, 6.6500, -10.3900 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(153, 158, 128)` looks like.

```
.text, #text, p{  
    color:rgb(153, 158, 128)  
}
```

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(153, 158, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 158, 128) }
```

Border

The CSS property to change the border of an element to YIQ 153.0850, 6.6500, -10.3900 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(153, 158, 128) }
```


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

```
.border{ border-color:rgb(153, 158, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 158, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 158, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 158, 128);  
box-shadow:4px 4px 4px 4px rgb(153, 158,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 153.0850, 6.6500, -10.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 158, 128) }
```

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

```
.background{ background-color: rgb(153,  
158, 128) }
```

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