

Converting Colors

YIQ(153.8250, -6.8770, -2.0210)

Have a look what the booklet for
YIQ(153.8250, -6.8770, -2.0210)
contains.

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Color

**YIQ(153.8250, -6.8770,
-2.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	929D9E
RGB	146, 157, 158
RGB Percent	57%, 62%, 62%
CMY	0.4275, 0.3843, 0.3804
CMYK	0.08, 0.01, 0.00, 0.38
HSL	185°, 6%, 60%
HSV	185°, 8%, 62%
XYZ	30.0816, 32.6943, 37.0697
YIQ	153.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

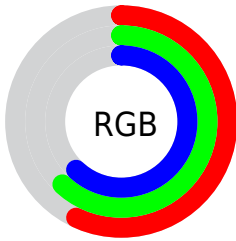
Format	Color
RYB	146, 152, 158
Decimal	9608606
CIELab	63.91, -3.71, -1.87
CIELCh	64, 4.156, 206.780
Yxy	32.6943, 0.3013, 0.3274
Android (android.graphics.Color)	4287798686 (0xFF929D9E)
YUV	153.8250, 2.0583, -6.8625
Hunter-Lab	57.1789, -6.1550, 1.5869

Details

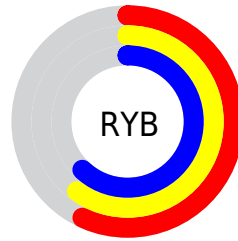
The YIQ color **153.8250, -6.8770, -2.0210** is a light color, and the websafe version is hex **999999**. A complement of this color would be **150.1750, 6.8770, 2.0210**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.5260, -7.4730, -2.2330**, and **102.8250, -6.8770, -2.0210** is the 20% darker color. If you saturate the color by 10%, you get **148.4540, -16.1380, -4.8900**, and if you desaturate by 10%, it is **159.1960, 2.3840, 0.8480**.

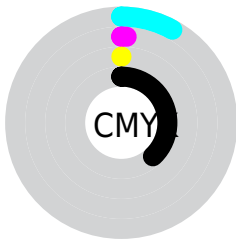
Distribution



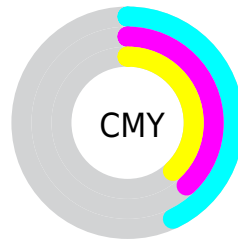
- Red (57%)
- Green (62%)
- Blue (62%)



- Red (57%)
- Yellow (60%)
- Blue (62%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (43%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.8250, -6.8770, -2.0210 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 153.8250, -6.8770, -2.0210 by changing the saturation by 10% instead.

■ 153.8250, -6.8770,
-2.0210

■ 153.8250, -6.8770,
-2.0210

■ 255.0000, -0.0000,
-0.0000

■ 127.8250, -6.8770,
-2.0210

■ 208.5260, -7.4730,
-2.2330

■ 102.8250, -6.8770,
-2.0210

■ 236.5260, -7.4730,
-2.2330

■ 79.1240, -6.2810,
-1.8090

■ 56.1240, -6.2810,
-1.8090

■ 34.4230, -5.6850,
-1.5970

■ 11.9280, -8.6650,
-2.6570

■ 0.0000, 0.0000,

0.0000

■ 153.8250, -6.8770,
-2.0210

■ 153.8250, -6.8770,
-2.0210

■ 148.4540,
-16.1380, -4.8900

■ 159.1960, 2.3840,
0.8480

■ 142.4960,
-25.1240, -7.2360

■ 165.1540, 11.3700,
3.1940

■ 137.4240,
-33.7890, -9.8930

■ 170.2260, 20.0350,
5.8510

■ 132.0530,
-43.0500, -12.7620

■ 175.5970, 29.2960,
8.7200

■ 126.6820,
-52.3110, -15.6310

■ 180.9680, 38.5570,
11.5890

■ 120.7240,
-61.2970, -17.9770

■ 186.9260, 47.5430,
13.9350

■ 115.3530,
-70.5580, -20.8460

■ 191.6990, 55.6120,
16.3800

■ 110.2810,
-79.2230, -23.5030

■ 192.2860, 55.3370,
15.8570

■ 104.3230,
-88.2090, -25.8490

■ 193.4600, 54.7870,
14.8110

Harmonies

Analogous

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



153.6680, -4.9970, -3.0530



153.8250, -6.8770, -2.0210



153.8790, -6.9690, -0.3530

Triad

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



153.8250, -6.8770, -2.0210



155.4780, 1.6500, 3.1380



154.6970, 5.2270, -1.1170

Complementary

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



153.8250, -6.8770, -2.0210



150.1750, 6.8770, 2.0210

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.



155.2350, 6.6480, 0.6640



153.8250, -6.8770, -2.0210



155.3320, 4.9970, 3.0530

Square

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



153.8250, -6.8770, -2.0210



155.0970, -1.6510, 2.3890



155.8760, 6.2810, 1.8090



154.4900, 1.3760, -2.9120

Rectangle

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



153.8250, -6.8770, -2.0210



154.5910, -6.0980, 0.3820



155.8760, 6.2810, 1.8090



155.1100, 5.5020, -0.5940

Sweetspot

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



153.8250, -6.8770, -2.0210



204.9180, -2.7050, -0.5370



153.1580, -3.6210, -5.9650



103.5160, -1.5130, -0.1130



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.



153.8250, -6.8770, -2.0210



200.1450, -10.7740, -2.9820



150.3030, -5.2270, 1.1170



76.0210, -4.4930, -1.1730



93.1990, -81.9280, -24.0400



9.9280, -8.6650, -2.6570

Inverse Universe

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



150.8420, 3.6210, 5.9650



195.6190, 5.8670, 9.3150



153.6970, 5.2270, -1.1170



74.1900, 2.5210, 3.8730



57.6910, 43.1770, 71.0570



6.0810, 4.4460, 7.5340

Previews

White Background



This preview shows how the YIQ color 153.8250, -6.8770, -2.0210 looks on a white background.

Color Contrast Check

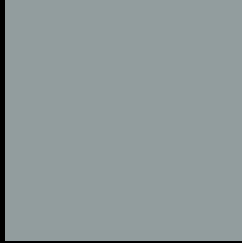
Large Text (above 18pt) WCAG AA × Fail

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 153.8250, -6.8770, -2.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

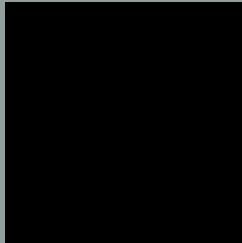
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

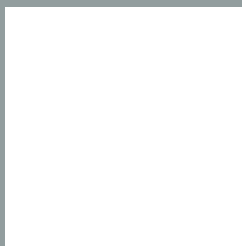
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 153.8250, -6.8770, -2.0210

Background



This preview shows how black text looks on a background with the YIQ color 153.8250, -6.8770, -2.0210.



This preview shows how white text looks on a background with the YIQ color 153.8250, -6.8770,

-2.0210.

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

153.8250, -6.8770, -2.0210

Protanopia

155.1250, 1.1460, 1.2580

Deuteranopia

156.1090, 7.2430, 6.4030



Tritanopia

154.3890, -8.3450, 2.5590

Trichromacy



Original Color

153.8250, -6.8770, -2.0210

Protanomaly

154.6300, -1.8340, 0.1980

Deuteranomaly

155.4780, 1.6500, 3.1380

Tritanomaly

154.2210, -7.9320, 0.5800

Monochromacy



Original Color

153.8250, -6.8770, -2.0210

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.8040, -2.3840, -0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.8250, -6.8770, -2.0210 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(146, 157, 158)` looks like.

```
.text, #text, p{  
    color:rgb(146, 157, 158)  
}
```

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(146, 157, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 157, 158) }
```

Border

The CSS property to change the border of an element to YIQ 153.8250, -6.8770, -2.0210 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(146, 157, 158) }
```


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

```
.border{ border-color:rgb(146, 157, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 157, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 157, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 157, 158);  
box-shadow:4px 4px 4px 4px rgb(146, 157,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 153.8250, -6.8770, -2.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 157, 158) }
```

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

```
.background{ background-color: rgb(146,  
157, 158) }
```

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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