

Converting Colors

YIQ(153.0840, -8.8040, 5.3720)

Have a look what the booklet for
YIQ(153.0840, -8.8040, 5.3720)
contains.

YIQ(153.0840, -8.8040, 5.3720)	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(153.0840, -8.8040,
5.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	9498AC
RGB	148, 152, 172
RGB Percent	58%, 60%, 67%
CMY	0.4196, 0.4039, 0.3255
CMYK	0.14, 0.12, 0.00, 0.33
HSL	230°, 13%, 63%
HSV	230°, 14%, 67%
XYZ	30.8866, 31.7311, 43.5201
YIQ	153.0840, -8.8040, 5.3720

Conversions

Conversions Part 2

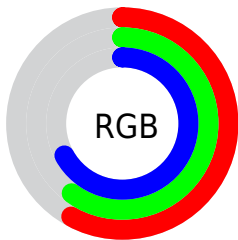
Format	Color
R_{YB}	148, 151, 172
Decimal	9738412
CIE Lab	63.12, 2.72, -10.91
CIE LCh	63, 11.244, 283.994
Yxy	31.7311, 0.2910, 0.2990
Android (android.graphics.Color)	4287928492 (0xFF9498AC)
YUV	153.0840, 9.3256, -4.4587
Hunter-Lab	56.3303, -0.7045, -6.3754

Details

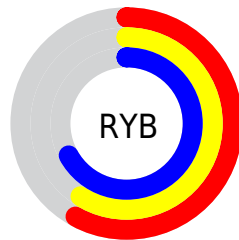
The YIQ color **153.0840, -8.8040, 5.3720** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166.9160, 8.8040, -5.3720**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.1980, -9.1250, 5.6830**, and **101.9700, -8.4830, 5.0610** is the 20% darker color. If you saturate the color by 10%, you get **139.7830, -15.0860, 9.0900**, and if you desaturate by 10%, it is **166.3850, -2.5220, 1.6540**.

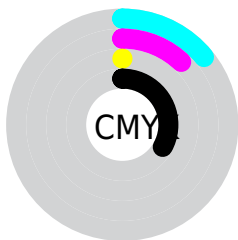
Distribution



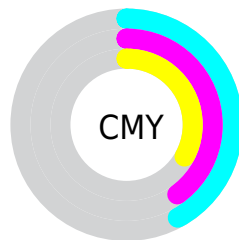
- Red (58%)
- Green (60%)
- Blue (67%)



- Red (58%)
- Yellow (59%)
- Blue (67%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.0840, -8.8040, 5.3720 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 153.0840, -8.8040, 5.3720 by changing the saturation by 10% instead.

■ 153.0840, -8.8040,
5.3720

■ 153.0840, -8.8040,
5.3720

■ 255.0000, -0.0000,
-0.0000

■ 126.9700, -8.4830,
5.0610

■ 207.1980, -9.1250,
5.6830

■ 101.9700, -8.4830,
5.0610

■ 235.1980, -9.1250,
5.6830

■ 77.8560, -8.1620,
4.7500

■ 55.3290, -8.1160,
3.9160

■ 33.6280, -7.5200,
4.1280

■ 10.8560, -8.1620,
4.7500

■ 0.0000, 0.0000,

0.0000

■ 153.0840, -8.8040,
5.3720

■ 153.0840, -8.8040,
5.3720

■ 139.7830,
-15.0860, 9.0900

■ 166.3850, -2.5220,
1.6540

■ 125.8950,
-21.0930, 13.3310

■ 180.2730, 3.4850,
-2.5870

■ 112.2950,
-27.9710, 16.8370

■ 193.8730, 10.3630,
-6.0930

■ 98.9940, -34.2530,
20.5550

■ 207.1740, 16.6450,
-9.8110

■ 85.1060, -40.2600,
24.7960

■ 221.0620, 22.6520,
-14.0520

■ 71.8050, -46.5420,
28.5140

■ 234.3630, 28.9340,
-17.7700

■ 58.5040, -52.8240,
32.2320

■ 243.7770, 27.4680,
-24.2440

■ 44.3170, -59.4270,
36.2610

■ 245.5380, 26.6430,
-25.8130

■ 36.6310, -63.1870,
38.3250

Harmonies

Analogous

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



151.2570, -16.7810, 1.2590



153.0840, -8.8040, 5.3720



154.3410, 0.7780, 7.9300

Triad

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



153.0840, -8.8040, 5.3720



153.8620, 18.0640, 3.0240



149.5700, -10.7730, -8.5090

Complementary

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



153.0840, -8.8040, 5.3720



166.9160, 8.8040, -5.3720

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.



150.3600, -1.3740, -8.1420



153.0840, -8.8040, 5.3720



152.9600, 14.6720, -1.5840

Square

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



153.0840, -8.8040, 5.3720



154.6000, 16.0460, 6.5580



152.2040, 7.9330, -6.1070



149.5030, -17.8340, -7.1940

Rectangle

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



153.0840, -8.8040, 5.3720



154.6900, 7.1050, 8.9050



152.2040, 7.9330, -6.1070



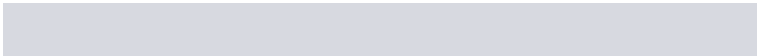
150.1250, -8.0220, -8.8060

Sweetspot

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



153.0840, -8.8040, 5.3720



217.2000, -3.4390, 1.7530



164.3680, -13.0200, -6.3320



108.1570, -1.8800, 1.0320



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



153.0840, -8.8040, 5.3720



194.4410, -14.1230, 8.1570



153.1280, -2.9360, 9.1600



79.6130, -3.1640, 2.2760



31.7750, -55.0250, 33.5750



4.9700, -8.4830, 5.0610

Inverse Universe

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



155.6320, 13.0200, 6.3320



198.1600, 20.4010, 10.2330



166.8720, 2.9360, -9.1600



80.8050, 5.0430, 2.2190



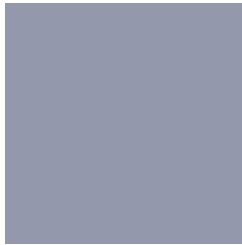
47.7000, 81.3750, 39.5750



7.3330, 12.4240, 6.1200

Previews

White Background



This preview shows how the YIQ color 153.0840, -8.8040, 5.3720 looks on a white background.

Color Contrast Check

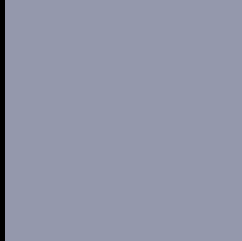
Large Text (above 18pt) WCAG AA × Fail

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 153.0840, -8.8040, 5.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

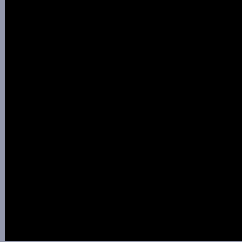
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.0840, -8.8040, 5.3720

Background



This preview shows how black text looks on a background with the YIQ color 153.0840, -8.8040, 5.3720.



This preview shows how white text looks on a background with the YIQ color 153.0840, -8.8040,

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

153.0840, -8.8040, 5.3720

Protanopia

153.6820, -7.6120, 5.7960

Deuteranopia

154.4270, -2.3400, 9.3720



Tritanopia

152.5740, -7.4280, 2.4600

Trichromacy



Original Color

153.0840, -8.8040, 5.3720

Protanomaly

153.3830, -8.2080, 5.5840

Deuteranomaly

153.8180, -4.9990, 8.0010

Tritanomaly

152.9160, -8.3910, 3.3930

Monochromacy



Original Color

153.0840, -8.8040, 5.3720

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.2000, -3.4390, 1.7530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.0840, -8.8040, 5.3720 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(148, 152, 172)` looks like.

```
.text, #text, p{  
    color:rgb(148, 152, 172)  
}
```

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(148, 152, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 152, 172) }
```

Border

The CSS property to change the border of an element to YIQ 153.0840, -8.8040, 5.3720 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(148, 152, 172) }
```


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

```
.border{ border-color:rgb(148, 152, 172) }
```

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

Here you see how a box with a 4 pixel rgb(148, 152, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 152, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 152, 172);  
box-shadow:4px 4px 4px 4px rgb(148, 152,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 153.0840, -8.8040, 5.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 152, 172) }
```

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

```
.background{ background-color: rgb(148,  
152, 172) }
```

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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