

Converting Colors

YIQ(152.9440, -14.7620,
-7.8020)

Have a look what the booklet for
YIQ(152.9440, -14.7620, -7.8020)
contains.

YIQ(152.9440, -14.7620, -7.8020)	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(152.9440, -14.7620,
-7.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	86A29C
RGB	134, 162, 156
RGB Percent	53%, 64%, 61%
CMY	0.4746, 0.3646, 0.3883
CMYK	0.17, 0.00, 0.04, 0.36
HSL	167°, 13%, 58%
HSV	167°, 17%, 64%
XYZ	28.7506, 33.3115, 36.3608
YIQ	152.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

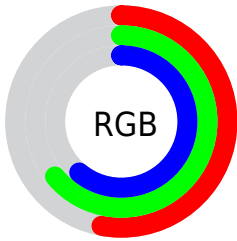
Format	Color
RYB	134, 150, 162
Decimal	8823452
CIELab	64.41, -10.97, -0.11
CIELCh	64, 10.966, 180.600
Yxy	33.3115, 0.2921, 0.3385
Android (android.graphics.Color)	4287013532 (0xFF86A29C)
YUV	152.9440, 1.5066, -16.6139
Hunter-Lab	57.7161, -12.0854, 3.0489

Details

The YIQ color **152.9440, -14.7620, -7.8020** is a light color, and the websafe version is hex **669999**. A complement of this color would be **143.0560, 14.7620, 7.8020**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.5310, -15.0370, -8.3250**, and **101.6560, -13.8910, -7.0670** is the 20% darker color. If you saturate the color by 10%, you get **147.8180, -23.3350, -12.1270**, and if you desaturate by 10%, it is **158.0700, -6.1890, -3.4770**.

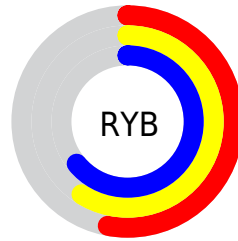
Distribution



Red (53%)

Green (64%)

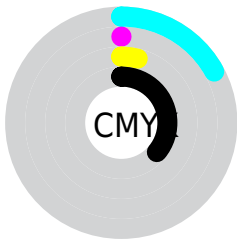
Blue (61%)



Red (53%)

Yellow (59%)

Blue (64%)

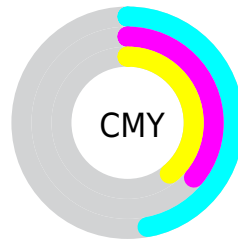


Cyan (17%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.9440, -14.7620, -7.8020 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 152.9440, -14.7620, -7.8020 by changing the saturation by 10% instead.

■ 152.9440,
-14.7620, -7.8020

■ 152.9440,
-14.7620, -7.8020

■ 255.0000, -0.0000,
-0.0000

■ 126.9440,
-14.7620, -7.8020

■ 207.2320,
-15.6330, -8.5370

■ 101.6560,
-13.8910, -7.0670

■ 235.3460,
-15.9540, -8.2260

■ 77.6560, -13.8910,
-7.0670

■ 251.7110, -6.5560,
-2.3320

■ 54.9550, -13.2950,
-6.8550

■ 32.9550, -13.2950,
-6.8550

■ 14.0370, -10.5900,
-6.3180

■ 0.0000, 0.0000,

0.0000

■ 152.9440,
-14.7620, -7.8020

■ 152.9440,
-14.7620, -7.8020

■ 147.8180,
-23.3350, -12.1270

■ 158.0700, -6.1890,
-3.4770

■ 142.5780,
-31.5870, -16.7630

■ 163.3100, 2.0630,
1.1590

■ 137.1530,
-40.7560, -21.3000

■ 168.7350, 11.2320,
5.6960

■ 131.9130,
-49.0080, -25.9360

■ 173.9750, 19.4840,
10.3320

■ 126.7870,
-57.5810, -30.2610

■ 179.1010, 28.0570,
14.6570

■ 121.5470,
-65.8330, -34.8970

■ 184.3410, 36.3090,
19.2930

■ 116.4210,
-74.4060, -39.2220

■ 189.4670, 44.8820,
23.6180

■ 110.8820,
-83.2540, -44.0700

■ 192.3150, 48.3660,
26.5580

■ 109.5720,
-85.3170, -45.2290

■ 192.6570, 47.4030,
27.4910

Harmonies

Analogous

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



153.6090, -6.5090, -8.6930



152.9440, -14.7620, -7.8020



153.1870, -19.7600, -5.3280

Triad

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



152.9440, -14.7620, -7.8020



157.3620, -3.7150, 6.7570



156.7970, 16.6890, 0.4090

Complementary

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



152.9440, -14.7620, -7.8020



143.0560, 14.7620, 7.8020

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.



157.7310, 17.0550, 4.7910



152.9440, -14.7620, -7.8020



158.0920, 5.9130, 8.4810

Square

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



152.9440, -14.7620, -7.8020



155.8770, -12.6550, 3.5770



158.4580, 13.5700, 7.3780



156.2260, 10.8670, -4.2130

Rectangle

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



152.9440, -14.7620, -7.8020



154.0670, -19.3020, -2.6140



158.4580, 13.5700, 7.3780



157.0360, 17.5140, 1.9780

Sweetspot

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



152.9440, -14.7620, -7.8020



208.3690, -5.5930, -3.2650



152.2300, -4.1240, -13.3720



105.0920, -3.2550, -1.5830



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



152.9440, -14.7620, -7.8020



197.4050, -23.6100, -12.6500



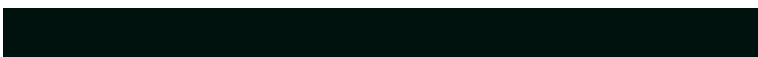
148.9320, -14.4880, -1.7520



79.0810, -4.7220, -2.5300



98.1110, -76.4690, -40.3810



12.1620, -9.4440, -5.0600

Inverse Universe

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



143.0560, 14.7620, 7.8020



181.5950, 23.6100, 12.6500



147.0680, 14.4880, 1.7520



75.9190, 4.7220, 2.5300



46.8890, 76.4690, 40.3810



5.8380, 9.4440, 5.0600

Previews

White Background



This preview shows how the YIQ color 152.9440, -14.7620, -7.8020 looks on a white background.

Color Contrast Check

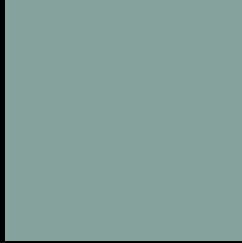
Large Text (above 18pt) WCAG AA × Fail

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 152.9440, -14.7620, -7.8020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

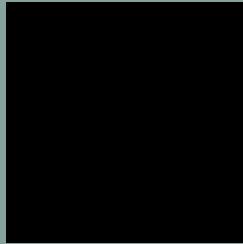
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.9440, -14.7620, -7.8020

Background



This preview shows how black text looks on a background with the YIQ color 152.9440, -14.7620, -7.8020.



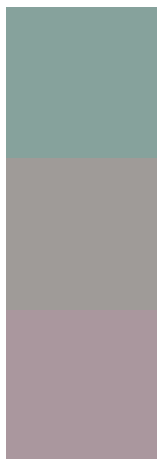
This preview shows how white text looks on a background with the YIQ color 152.9440, -14.7620, -7.8020.

-7.8020.

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

152.9440, -14.7620, -7.8020

Protanopia

155.8540, 3.3470, -0.0850

Deuteranopia

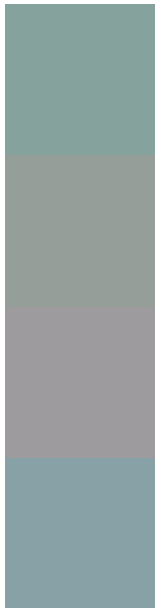
157.4790, 9.0770, 6.2050



Tritanopia

154.4910, -17.5600, -1.1440

Trichromacy



Original Color

152.9440, -14.7620, -7.8020

Protanomaly

155.0380, -3.1630, -3.2510

Deuteranomaly

155.8260, 0.5500, 1.0460

Tritanomaly

154.0950, -16.5050, -3.7450

Monochromacy



Original Color

152.9440, -14.7620, -7.8020

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.7820, -5.3180, -2.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.9440, -14.7620, -7.8020 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(134, 162, 156)` looks like.

```
.text, #text, p{  
    color:rgb(134, 162, 156)  
}
```

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(134, 162, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 162, 156) }
```

Border

The CSS property to change the border of an element to YIQ 152.9440, -14.7620, -7.8020 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(134, 162, 156) }
```


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

```
.border{ border-color:rgb(134, 162, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 162, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 162, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 162, 156);  
box-shadow:4px 4px 4px 4px rgb(134, 162,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 152.9440, -14.7620, -7.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 162, 156) }
```

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

```
.background{ background-color: rgb(134,  
162, 156) }
```

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