

Converting Colors

YIQ(153.8990, 7.4740, -3.2940)

Have a look what the booklet for
YIQ(153.8990, 7.4740, -3.2940)
contains.

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Color

**YIQ(153.8990, 7.4740,
-3.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9A8C
RGB	159, 154, 140
RGB Percent	62%, 60%, 55%
CMY	0.3765, 0.3961, 0.4509
CMYK	0.00, 0.03, 0.12, 0.38
HSL	44°, 9%, 59%
HSV	44°, 12%, 62%
XYZ	30.5879, 32.3753, 29.4518
YIQ	153.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

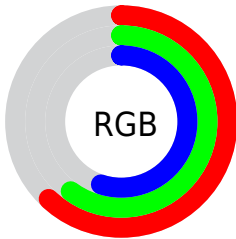
Format	Color
RYB	147, 159, 140
Decimal	10459788
CIELab	63.65, -0.69, 7.99
CIElCh	64, 8.016, 94.903
Yxy	32.3753, 0.3310, 0.3503
Android (android.graphics.Color)	4288649868 (0xFF9F9A8C)
YUV	153.8990, -6.8522, 4.4736
Hunter-Lab	56.8993, -3.6158, 9.1402

Details

The YIQ color **153.8990, 7.4740, -3.2940** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **145.1010, -7.4740, 3.2940**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.1980, 8.0700, -3.0820**, and **103.0130, 7.1530, -2.9830** is the 20% darker color. If you saturate the color by 10%, you get **149.7270, 13.7100, -6.1780**, and if you desaturate by 10%, it is **158.0710, 1.2380, -0.4100**.

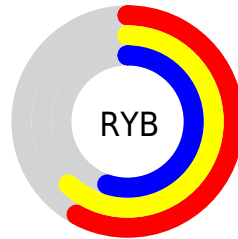
Distribution



Red (62%)

Green (60%)

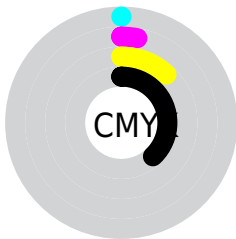
Blue (55%)



Red (58%)

Yellow (62%)

Blue (55%)

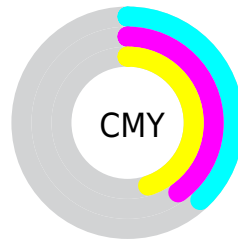


Cyan (0%)

Magenta (3%)

Yellow (12%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.8990, 7.4740, -3.2940 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 153.8990, 7.4740, -3.2940 by changing the saturation by 10% instead.

■ 153.8990, 7.4740,
-3.2940

■ 153.8990, 7.4740,
-3.2940

■ 255.0000, -0.0000,
-0.0000

■ 128.0130, 7.1530,
-2.9830

■ 208.1980, 8.0700,
-3.0820

■ 103.0130, 7.1530,
-2.9830

■ 236.6710, 8.1160,
-3.9160

■ 78.8280, 6.2360,
-2.8840

■ 254.4300, 1.6050,
-1.5550

■ 55.8280, 6.2360,
-2.8840

■ 34.6430, 5.3190,
-2.7850

■ 12.7140, 6.5570,
-3.1950

■ 0.0000, 0.0000,

0.0000

■ 153.8990, 7.4740,
-3.2940

■ 153.8990, 7.4740,
-3.2940

■ 149.7270, 13.7100,
-6.1780

■ 158.0710, 1.2380,
-0.4100

■ 145.5550, 19.9460,
-9.0620

■ 162.2430, -4.9980,
2.4740

■ 140.7960, 26.4570,
-11.4230

■ 167.0020,
-11.5090, 4.8350

■ 136.6240, 32.6930,
-14.3070

■ 171.1740,
-17.7450, 7.7190

■ 132.5660, 38.6080,
-16.8800

■ 175.3460,
-23.9810, 10.6030

■ 128.3940, 44.8440,
-19.7640

■ 179.4040,
-29.8960, 13.1760

■ 124.2220, 51.0800,
-22.6480

■ 183.5760,
-36.1320, 16.0600

■ 120.0500, 57.3160,
-25.5320

■ 186.3800,
-38.5160, 15.2120

■ 116.2200, 62.5890,
-27.4830

■ 189.3150,
-39.8910, 12.5970

Harmonies

Analogous

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



154.9320, 11.8750, -0.4530



153.8990, 7.4740, -3.2940



152.9090, 1.5140, -5.4140

Triad

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



153.8990, 7.4740, -3.2940



152.1770, -13.8000, -3.2080



155.6250, 5.7300, 6.2900

Complementary

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



153.8990, 7.4740, -3.2940



145.1010, -7.4740, 3.2940

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.



155.0910, -1.5140, 5.4140



153.8990, 7.4740, -3.2940



153.3560, -12.7460, -0.2820

Square

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



153.8990, 7.4740, -3.2940



152.2650, -11.2320, -5.6960



153.8020, -8.0700, 3.0820



155.4360, 10.6360, 5.4840

Rectangle

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



153.8990, 7.4740, -3.2940



152.1580, -3.6210, -5.9650



153.8020, -8.0700, 3.0820



155.5430, 3.0250, 5.7530

Sweetspot

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



153.8990, 7.4740, -3.2940



204.2130, 3.7140, -1.2300



146.2510, 9.7190, 5.5830



103.1420, 2.4760, -0.8200



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.



153.8990, 7.4740, -3.2940



198.9980, 11.5090, -4.8350



155.6380, 3.7150, -6.7570



76.9140, 3.1180, -1.4420



104.3920, 56.3530, -24.5990



10.9420, 5.9150, -2.5730

Inverse Universe

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



145.1010, -7.4740, 3.2940



185.4150, -11.2340, 5.3580



143.3620, -3.7150, 6.7570



73.0860, -3.1180, 1.4420



38.6080, -56.3530, 24.5990



4.0580, -5.9150, 2.5730

Previews

White Background



This preview shows how the YIQ color 153.8990, 7.4740, -3.2940 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 153.8990, 7.4740, -3.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

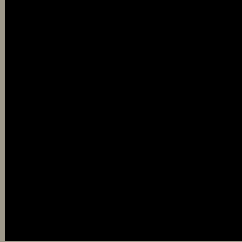
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

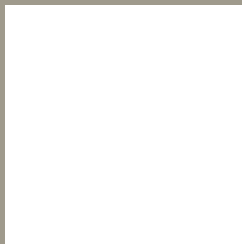
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 153.8990, 7.4740, -3.2940

Background



This preview shows how black text looks on a background with the YIQ color 153.8990, 7.4740, -3.2940.



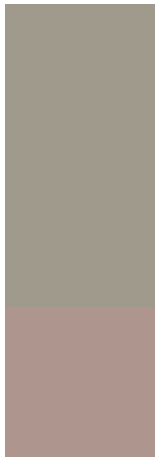
This preview shows how white text looks on a background with the YIQ color 153.8990, 7.4740,

-3.2940.

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

153.8990, 7.4740, -3.2940

Protanopia

154.1980, 8.0700, -3.0820

Deuteranopia

155.5630, 17.4680, 2.8120



Tritanopia

155.6570, 2.7040, 6.0640

Trichromacy



Original Color

153.8990, 7.4740, -3.2940

Protanomaly

154.1980, 8.0700, -3.0820

Deuteranomaly

155.2420, 13.9380, 0.7060

Tritanomaly

155.0330, 4.4010, 2.8410

Monochromacy



Original Color

153.8990, 7.4740, -3.2940

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.0280, 2.7970, -1.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.8990, 7.4740, -3.2940 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(159, 154, 140)` looks like.

```
.text, #text, p{  
    color:rgb(159, 154, 140)  
}
```

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(159, 154, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 154, 140) }
```

Border

The CSS property to change the border of an element to YIQ 153.8990, 7.4740, -3.2940 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(159, 154, 140) }
```


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

```
.border{ border-color:rgb(159, 154, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 154, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 154, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 154, 140);  
box-shadow:4px 4px 4px 4px rgb(159, 154,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 153.8990, 7.4740, -3.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 154, 140) }
```

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

```
.background{ background-color: rgb(159,  
154, 140) }
```

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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