

Converting Colors

YIQ(123.5770, 40.0750,
-15.9330)

Have a look what the booklet for
YIQ(123.5770, 40.0750, -15.9330)
contains.

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Color

**YIQ(123.5770, 40.0750,
-15.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	987B34
RGB	152, 123, 52
RGB Percent	60%, 48%, 20%
CMY	0.4039, 0.5177, 0.7959
CMYK	0.00, 0.19, 0.66, 0.40
HSL	43°, 49%, 40%
HSV	43°, 66%, 60%
XYZ	20.6526, 21.0873, 6.2370
YIQ	123.5770, 40.0750, -15.9330

Conversions

Conversions Part 2

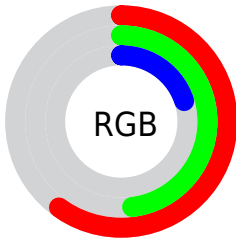
Format	Color
RYB	93, 152, 52
Decimal	9993012
CIELab	53.04, 2.99, 41.95
CIELCh	53, 42.053, 85.926
Yxy	21.0873, 0.4305, 0.4395
Android (android.graphics.Color)	4288183092 (0xFF987B34)
YUV	123.5770, -35.2875, 24.9270
Hunter-Lab	45.9209, -0.0826, 24.0918

Details

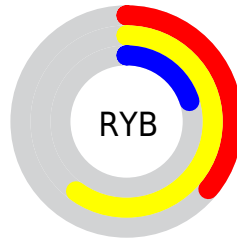
The YIQ color **123.5770, 40.0750, -15.9330** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **80.4230, -40.0750, 15.9330**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.8440, 43.6970, -15.4950**, and **73.3270, 37.7830, -18.4490** is the 20% darker color. If you saturate the color by 10%, you get **119.5190, 45.9900, -18.5060**, and if you desaturate by 10%, it is **127.6350, 34.1600, -13.3600**.

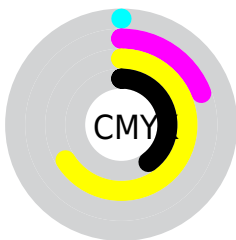
Distribution



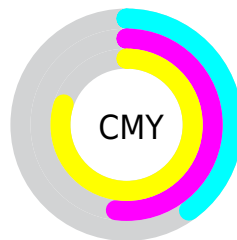
- Red (60%)
- Green (48%)
- Blue (20%)



- Red (36%)
- Yellow (60%)
- Blue (20%)



- Cyan (0%)
- Magenta (19%)
- Yellow (66%)
- Black (40%)



- Cyan (40%)
- Magenta (52%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.5770, 40.0750, -15.9330 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 123.5770, 40.0750, -15.9330 by changing the saturation by 10% instead.

■ 123.5770, 40.0750,
-15.9330

■ 123.5770, 40.0750,
-15.9330

■ 255.0000, -0.0000,
-0.0000

■ 97.9790, 38.8830,
-16.3570

■ 176.8440, 43.6970,
-15.4950

■ 73.3270, 37.7830,
-18.4490

■ 204.9150, 44.9350,
-15.9050

■ 52.0520, 28.6120,
-11.9320

■ 229.3980, 39.0210,
-18.8590

■ 31.9510, 18.8910,
-6.4610

■ 246.5640, 23.7540,
-23.0140

■ 10.9750, 10.3160,
0.2680

■ 249.7560, 14.7660,
-14.3060

■ 0.0000, 0.0000,
0.0000

■ 253.0620, 5.4570,

-5.2870

■ 123.5770, 40.0750,
-15.9330

■ 123.5770, 40.0750,
-15.9330

■ 119.5190, 45.9900,
-18.5060

■ 127.6350, 34.1600,
-13.3600

■ 114.8740, 52.1800,
-20.5560

■ 132.2800, 27.9700,
-11.3100

■ 110.7020, 58.4160,
-23.4400

■ 136.4520, 21.7340,
-8.4260

■ 108.8440, 60.8920,
-24.2600

■ 141.0970, 15.5440,
-6.3760

■ 145.1550, 9.6290,
-3.8030

■ 149.2130, 3.7140,
-1.2300

■ 153.8580, -2.4760,
0.8200

■ 158.0300, -8.7120,
3.7040

■ 162.6750,
-14.9020, 5.7540

Harmonies

Analogous

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



125.7290, 54.9270, 1.2550



123.5770, 40.0750, -15.9330



120.0680, 13.3470, -27.1410

Triad

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



123.5770, 40.0750, -15.9330



103.0130, -90.2720, -27.0080



130.7200, 16.7290, 32.7370

Complementary

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



123.5770, 40.0750, -15.9330



80.4230, -40.0750, 15.9330

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.



127.9200, -22.2410, 23.1270



123.5770, 40.0750, -15.9330



103.9710, -98.4810, -15.8970

Square

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



123.5770, 40.0750, -15.9330



98.7950, -78.3950, -38.5150



112.7280, -75.1470, 1.7570



128.3240, 44.1470, 31.4350

Rectangle

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



123.5770, 40.0750, -15.9330



116.3410, -9.5310, -31.0270



112.7280, -75.1470, 1.7570



130.7940, 4.7170, 30.1650

Sweetspot

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



123.5770, 40.0750, -15.9330



185.0970, 15.5440, -6.3760



85.3200, 49.9700, 30.5300



92.8560, 9.0330, -4.0150



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



123.5770, 40.0750, -15.9330



151.9150, 62.1300, -24.6700



134.6200, 20.1800, -35.3400



74.3270, 3.3930, -0.9190



100.5600, 55.9400, -22.6200



9.1700, 5.2730, -1.9510

Inverse Universe

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



80.4230, -40.0750, 15.9330



85.0850, -62.1300, 24.6700



69.3800, -20.1800, 35.3400



71.0860, -3.1180, 1.4420



40.0270, -56.2150, 22.0970



3.8300, -5.2730, 1.9510

Previews

White Background



This preview shows how the YIQ color 123.5770, 40.0750, -15.9330 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 123.5770, 40.0750, -15.9330 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 × Fail

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

YIQ 123.5770, 40.0750, -15.9330

Background



This preview shows how black text looks on a background with the YIQ color 123.5770, 40.0750, -15.9330.



This preview shows how white text looks on a background with the YIQ color 123.5770, 40.0750, -15.9330.

-15.9330.

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

123.5770, 40.0750, -15.9330

Protanopia

122.7500, 32.0980, -20.0460

Deuteranopia

124.3110, 43.8800, -13.3040



Tritanopia

128.8830, 22.7390, 11.9150

Trichromacy



Original Color

123.5770, 40.0750, -15.9330

Protanomaly

123.3590, 34.7570, -18.6750

Deuteranomaly

124.3000, 42.4130, -14.2510

Tritanomaly

127.0820, 29.0680, 1.8360

Monochromacy



Original Color

123.5770, 40.0750, -15.9330

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.0260, 14.3060, -5.9660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.5770, 40.0750, -15.9330 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(152, 123, 52)` looks like.

```
.text, #text, p{  
    color:rgb(152, 123, 52)  
}
```

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(152, 123, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 123, 52) }
```

Border

The CSS property to change the border of an element to YIQ 123.5770, 40.0750, -15.9330 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(152, 123, 52) }
```


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

```
.border{ border-color:rgb(152, 123, 52) }
```

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

Here you see how a box with a 4 pixel rgb(152, 123, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 123, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 123, 52);  
box-shadow:4px 4px 4px 4px rgb(152, 123,  
52) }
```

Background

The CSS property to change the background color of an element to YIQ 123.5770, 40.0750, -15.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 123, 52) }
```

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

```
.background{ background-color: rgb(152,  
123, 52) }
```

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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