

Converting Colors

YIQ(43.2990, 9.7640, 10.2760)

Have a look what the booklet for
YIQ(43.2990, 9.7640, 10.2760)
contains.

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Color

**YIQ(43.2990, 9.7640,
10.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2232
RGB	59, 34, 50
RGB Percent	23%, 13%, 20%
CMY	0.7686, 0.8667, 0.8039
CMYK	0.00, 0.42, 0.15, 0.77
HSL	322°, 27%, 18%
HSV	322°, 42%, 23%
XYZ	2.9523, 2.3042, 3.3075
YIQ	43.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

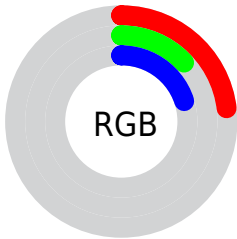
Format	Color
R_{YB}	59, 34, 50
Decimal	3875378
CIE _{Lab}	17.01, 14.89, -5.49
CIE _{LCh}	17, 15.874, 339.758
Yxy	2.3042, 0.3447, 0.2691
Android (android.graphics.Color)	4282065458 (0xFF3B2232)
YUV	43.2990, 3.3036, 13.7698
Hunter-Lab	15.1794, 8.1528, -2.2934

Details

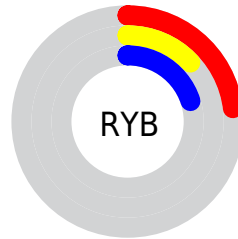
The YIQ color **43.2990, 9.7640, 10.2760** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.7010, -9.7640, -10.2760**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.3100, 11.2310, 11.2230**, and **1.6090, 2.6590, 1.3710** is the 20% darker color. If you saturate the color by 10%, you get **39.5490, 12.0560, 12.7920**, and if you desaturate by 10%, it is **47.0490, 7.4720, 7.7600**.

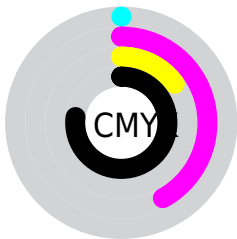
Distribution



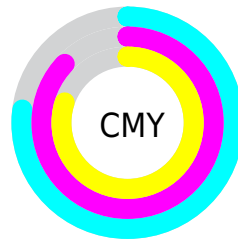
- Red (23%)
- Green (13%)
- Blue (20%)



- Red (23%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (42%)
- Yellow (15%)
- Black (77%)



- Cyan (77%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.2990, 9.7640, 10.2760 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 43.2990, 9.7640, 10.2760 by changing the saturation by 10% instead.

■ 43.2990, 9.7640,
10.2760

■ 43.2990, 9.7640,
10.2760

■ 255.0000, -0.0000,
-0.0000

■ 22.0000, 9.1680,
10.0640

■ 89.3100, 11.2310,
11.2230

■ 1.6090, 2.6590,
1.3710

■ 113.7230, 11.5060,
11.7460

■ 0.0000, 0.0000,
0.0000


■ 139.4350, 12.3770,
12.4810


■ 165.7340, 12.9730,
12.6930

■ 193.1470, 13.2480,
13.2160


■ 221.1470, 13.2480,


13.2160


 244.4340, 4.9500,
9.4140


 43.2990, 9.7640,
10.2760


 43.2990, 9.7640,
10.2760

 39.5490, 12.0560,
12.7920


 47.0490, 7.4720,
7.7600


 35.7990, 14.3480,
15.3080

 50.7990, 5.1800,
5.2440


 32.0490, 16.6400,
17.8240

 54.5490, 2.8880,
2.7280

 28.2990, 18.9320,
20.3400

 58.4130, 0.2750,
0.5230

 24.4350, 21.5450,
22.5450

 62.1630, -2.0170,
-1.9930

■ 21.9730, 22.9660,
24.3260

■ 65.3260, -4.0340,
-3.9860

■ 69.0760, -6.3260,
-6.5020

■ 72.8260, -8.6180,
-9.0180

■ 76.5760, -10.9100,
-11.5340

Harmonies

Analogous

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



43.3840, -0.7810, 8.6510



43.2990, 9.7640, 10.2760



42.9530, 16.5500, 8.4380

Triad

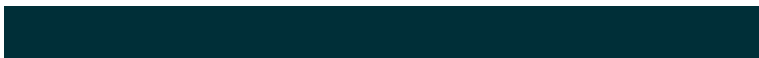
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.2990, 9.7640, 10.2760



40.5740, 9.7670, -6.3050



33.9730, -30.9010, -7.1650

Complementary

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



43.2990, 9.7640, 10.2760



49.7010, -9.7640, -10.2760

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.



33.6050, -27.0490, -10.8970



43.2990, 9.7640, 10.2760



39.0180, -0.4110, -9.0750

Square

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



43.2990, 9.7640, 10.2760



42.0310, 15.9100, -1.9940



37.1460, -12.5150, -9.9790



35.9890, -27.8300, -2.2460

Rectangle

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



43.2990, 9.7640, 10.2760



42.3290, 18.2470, 5.2150



37.1460, -12.5150, -9.9790



34.2180, -30.2130, -8.6210

Sweetspot

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



43.2990, 9.7640, 10.2760



70.6740, 4.0340, 3.9860



39.5410, -2.6610, 9.6830



34.2500, 2.2920, 2.5160



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



43.2990, 9.7640, 10.2760



51.8100, 15.8150, 16.2550



41.9310, 13.6160, 6.5440



29.0110, 1.4670, 0.9470



34.9460, 36.7640, 38.5880



82.5660, 86.7300, 91.2260

Inverse Universe

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



43.2990, 9.7640, 10.2760



51.8100, 15.8150, 16.2550



51.0690, -13.6160, -6.5440



29.0110, 1.4670, 0.9470



34.9460, 36.7640, 38.5880



82.5660, 86.7300, 91.2260

Previews

White Background



This preview shows how the YIQ color 43.2990, 9.7640, 10.2760 looks on a white background.

Color Contrast Check

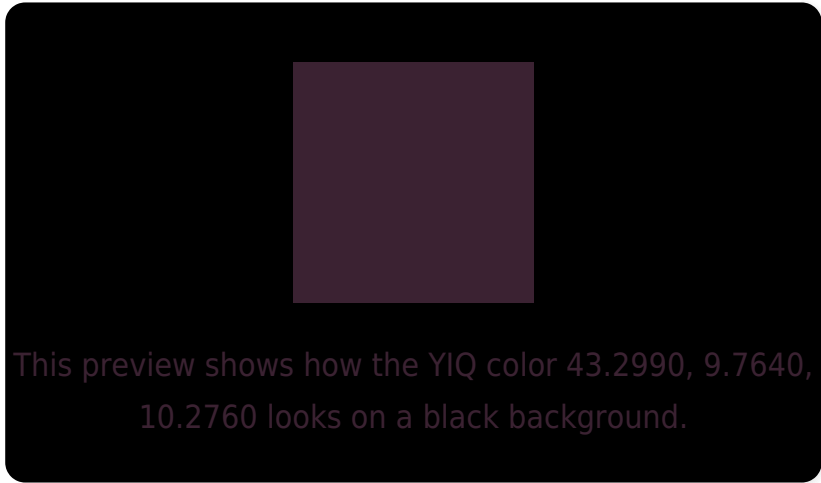
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

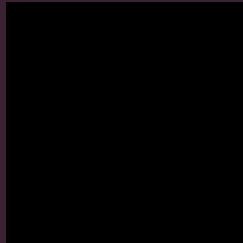
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.2990, 9.7640, 10.2760

Background



This preview shows how black text looks on a background with the YIQ color 43.2990, 9.7640, 10.2760.



This preview shows how white text looks on a background with the YIQ color 43.2990, 9.7640,

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

43.2990, 9.7640, 10.2760

Protanopia

42.5850, -5.9610, 3.4070

Deuteranopia

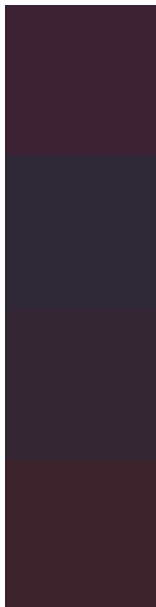
42.5100, -1.3760, 2.9120



Tritanopia

42.9200, 12.1490, 5.5970

Trichromacy



Original Color

43.2990, 9.7640, 10.2760

Protanomaly

42.6890, -0.3220, 5.8380

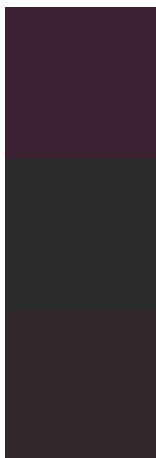
Deuteranomaly

42.5430, 3.0250, 5.7530

Tritanomaly

42.7890, 11.1400, 7.3640

Monochromacy



Original Color

43.2990, 9.7640, 10.2760

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

43.3750, 3.4380, 3.7740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.2990, 9.7640, 10.2760 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(59, 34, 50)` looks like.

```
.text, #text, p{  
    color:rgb(59, 34, 50)  
}
```

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(59, 34, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 34, 50) }
```

Border

The CSS property to change the border of an element to YIQ 43.2990, 9.7640, 10.2760 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(59, 34, 50) }
```


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

```
.border{ border-color:rgb(59, 34, 50) }
```

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

Here you see how a box with a 4 pixel rgb(59, 34, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 34, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 34, 50);  
box-shadow:4px 4px 4px 4px rgb(59, 34, 50)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.2990, 9.7640, 10.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 34, 50) }
```

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

```
.background{ background-color: rgb(59, 34,  
50) }
```

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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