

Converting Colors

YIQ(150.7970, 33.8840, -8.3560)

Have a look what the booklet for
YIQ(150.7970, 33.8840, -8.3560)
contains.

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Color

**YIQ(150.7970, 33.8840,
-8.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	B29363
RGB	178, 147, 99
RGB Percent	70%, 58%, 39%
CMY	0.3019, 0.4236, 0.6116
CMYK	0.00, 0.17, 0.44, 0.30
HSL	36°, 34%, 54%
HSV	36°, 44%, 70%
XYZ	31.0486, 31.2313, 16.2072
YIQ	150.7970, 33.8840, -8.3560

Conversions

Conversions Part 2

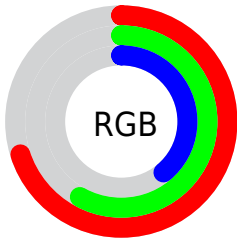
Format	Color
RYB	150, 178, 99
Decimal	11703139
CIELab	62.70, 5.12, 29.70
CIElCh	63, 30.138, 80.221
Yxy	31.2313, 0.3956, 0.3979
Android (android.graphics.Color)	4289893219 (0xFFB29363)
YUV	150.7970, -25.5359, 23.8570
Hunter-Lab	55.8850, 1.3722, 21.9249

Details

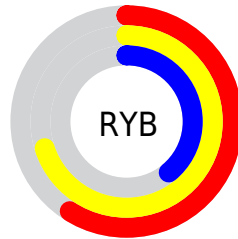
The YIQ color **150.7970, 33.8840, -8.3560** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **126.2030, -33.8840, 8.3560**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3520, 36.6350, -8.6530**, and **99.8290, 30.8580, -8.5820** is the 20% darker color. If you saturate the color by 10%, you get **144.6360, 41.5870, -10.2930**, and if you desaturate by 10%, it is **156.9580, 26.1810, -6.4190**.

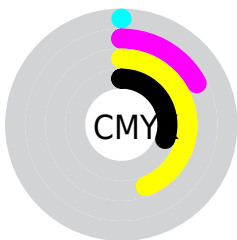
Distribution



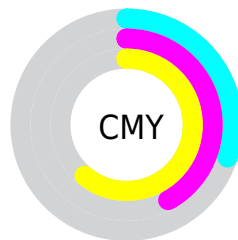
- Red (70%)
- Green (58%)
- Blue (39%)



- Red (59%)
- Yellow (70%)
- Blue (39%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)
- Black (30%)



- Cyan (30%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.7970, 33.8840, -8.3560 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 150.7970, 33.8840, -8.3560 by changing the saturation by 10% instead.

■ 150.7970, 33.8840,
-8.3560

■ 150.7970, 33.8840,
-8.3560

■ 255.0000, -0.0000,
-0.0000

■ 124.4270, 32.0500,
-8.1580

■ 205.3520, 36.6350,
-8.6530

■ 99.8290, 30.8580,
-8.5820

■ 230.8460, 32.1880,
-10.6600

■ 75.1600, 28.4280,
-8.5960

■ 249.3000, 16.0500,
-15.5500

■ 51.4480, 27.5570,
-9.3310

■ 252.4920, 7.0620,
-6.8420

■ 31.9620, 20.3580,
-5.5140

■ 9.8120, 12.3330,
2.2610

■ 0.0000, 0.0000,

0.0000

■ 150.7970, 33.8840,
-8.3560

■ 150.7970, 33.8840,
-8.3560

■ 144.6360, 41.5870,
-10.2930

■ 156.9580, 26.1810,
-6.4190

■ 138.4750, 49.2900,
-12.2300

■ 163.1190, 18.4780,
-4.4820

■ 132.4280, 56.6720,
-13.8560

■ 169.1660, 11.0960,
-2.8560

■ 126.2670, 64.3750,
-15.7930

■ 175.3270, 3.3930,
-0.9190

■ 120.1060, 72.0780,
-17.7300

■ 181.4880, -4.3100,
1.0180

■ 116.6180, 76.3880,
-18.7480

■ 187.6490,
-12.0130, 2.9550

■ 193.8100,
-19.7160, 4.8920

■ 199.8570,
-27.0980, 6.5180

■ 205.5620,
-33.5170, 7.2110

Harmonies

Analogous

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



152.6770, 43.5100, 4.4220



150.7970, 33.8840, -8.3560



148.5340, 15.2710, -17.9530

Triad

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



150.7970, 33.8840, -8.3560



135.5450, -62.3510, -20.9030



155.7200, 7.5610, 22.6730

Complementary

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



150.7970, 33.8840, -8.3560



126.2030, -33.8840, 8.3560

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.



152.6610, -20.3140, 15.7340



150.7970, 33.8840, -8.3560



137.3030, -67.1210, -11.5450

Square

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



150.7970, 33.8840, -8.3560



140.2410, -38.1880, -23.7880



145.9130, -47.8670, 2.9570



155.1540, 29.7060, 23.3220

Rectangle

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



150.7970, 33.8840, -8.3560



145.6290, -1.2340, -21.6980



145.9130, -47.8670, 2.9570



154.7020, -1.1960, 21.6840

Sweetspot

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



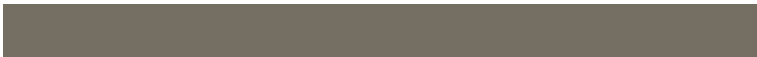
150.7970, 33.8840, -8.3560



221.5360, 12.9300, -3.0540



126.2690, 36.8120, 26.7000



110.8390, 7.7030, -1.9370



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



150.7970, 33.8840, -8.3560



189.8020, 52.6830, -13.1490



166.6020, 20.5910, -26.2650



86.2130, 3.7140, -1.2300



100.3380, 65.6130, -16.2030



16.5790, 11.3710, -2.3330

Inverse Universe

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



126.2030, -33.8840, 8.3560



151.1980, -52.6830, 13.1490



110.3980, -20.5910, 26.2650



83.3740, -3.9890, 0.7070



52.6620, -65.6130, 16.2030



8.8340, -11.0960, 2.8560

Previews

White Background



This preview shows how the YIQ color 150.7970, 33.8840, -8.3560 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 150.7970, 33.8840, -8.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

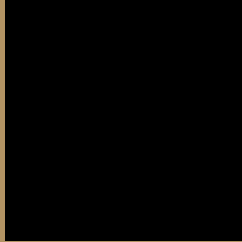
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.7970, 33.8840, -8.3560

Background



This preview shows how black text looks on a background with the YIQ color 150.7970, 33.8840, -8.3560.



This preview shows how white text looks on a background with the YIQ color 150.7970, 33.8840, -8.3560.

-8.3560.

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

150.7970, 33.8840, -8.3560

Protanopia

150.0730, 24.1190, -13.1050

Deuteranopia

150.8190, 36.8180, -6.4620



Tritanopia

154.1110, 22.0970, 12.5370

Trichromacy



Original Color

150.7970, 33.8840, -8.3560

Protanomaly

150.2800, 27.9700, -11.3100

Deuteranomaly

151.1070, 35.9470, -7.1970

Tritanomaly

153.1080, 26.1790, 4.6350

Monochromacy



Original Color

150.7970, 33.8840, -8.3560

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.2370, 12.3340, -3.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.7970, 33.8840, -8.3560 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(178, 147, 99)` looks like.

```
.text, #text, p{  
    color:rgb(178, 147, 99)  
}
```

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(178, 147, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 147, 99) }
```

Border

The CSS property to change the border of an element to YIQ 150.7970, 33.8840, -8.3560 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(178, 147, 99) }
```


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

```
.border{ border-color:rgb(178, 147, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 147, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 147, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 147, 99);  
box-shadow:4px 4px 4px 4px rgb(178, 147,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 150.7970, 33.8840, -8.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 147, 99) }
```

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

```
.background{ background-color: rgb(178,  
147, 99) }
```

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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