

Converting Colors

YIQ(155.9530, 33.7450, -0.3270)

Have a look what the booklet for
YIQ(155.9530, 33.7450, -0.3270)
contains.

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Color

**YIQ(155.9530, 33.7450,
-0.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9376
RGB	188, 147, 118
RGB Percent	74%, 58%, 46%
CMY	0.2627, 0.4236, 0.5371
CMYK	0.00, 0.22, 0.37, 0.26
HSL	25°, 34%, 60%
HSV	25°, 37%, 74%
XYZ	34.4474, 32.8649, 21.6800
YIQ	155.9530, 33.7450, -0.3270

Conversions

Conversions Part 2

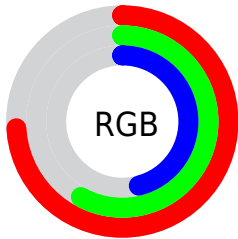
Format	Color
RYB	188, 168, 118
Decimal	12358518
CIELab	64.05, 11.44, 21.23
CIELCh	64, 24.117, 61.690
Yxy	32.8649, 0.3871, 0.3693
Android (android.graphics.Color)	4290548598 (0xFFBC9376)
YUV	155.9530, -18.7108, 28.1052
Hunter-Lab	57.3280, 6.9338, 17.7076

Details

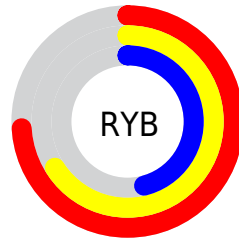
The YIQ color **155.9530, 33.7450, -0.3270** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **150.0470, -33.7450, 0.3270**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.6220, 36.1750, -0.3130**, and **103.9850, 30.7190, -0.5530** is the 20% darker color. If you saturate the color by 10%, you get **147.3300, 42.8690, -0.4830**, and if you desaturate by 10%, it is **164.5760, 24.6210, -0.1710**.

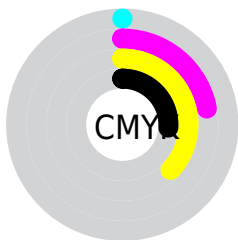
Distribution



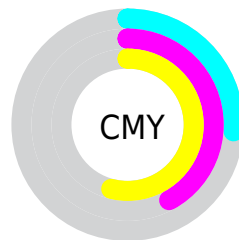
- Red (74%)
- Green (58%)
- Blue (46%)



- Red (74%)
- Yellow (66%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (26%)





- Cyan (26%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.9530, 33.7450, -0.3270 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 155.9530, 33.7450, -0.3270 by changing the saturation by 10% instead.


 155.9530, 33.7450,
-0.3270


 155.9530, 33.7450,
-0.3270


255.0000, -0.0000,
-0.0000

 129.4690, 32.2320,
-0.4400


 210.6220, 36.1750,
-0.3130

 103.9850, 30.7190,
-0.5530


 233.2400, 25.4470,
-4.1290


 80.2020, 28.6100,
-0.8780

 251.6940, 9.3090,
-9.0190

 56.4190, 26.5010,
-1.2030

254.8860, 0.3210,
-0.3110

 34.0660, 25.9970,
-3.0830

 13.1010, 18.8890,
4.5930

 0.0000, 0.0000,

0.0000

■ 155.9530, 33.7450,
-0.3270

■ 155.9530, 33.7450,
-0.3270

■ 147.3300, 42.8690,
-0.4830

■ 164.5760, 24.6210,
-0.1710

■ 138.7070, 51.9930,
-0.6390

■ 173.1990, 15.4970,
-0.0150

■ 130.1980, 60.7960,
-0.4840

■ 181.7080, 6.6940,
-0.1700

■ 121.5750, 69.9200,
-0.6400

■ 190.3310, -2.4300,
-0.0140

■ 112.9520, 79.0440,
-0.7960

■ 198.9540,
-11.5540, 0.1420

■ 104.3290, 88.1680,
-0.9520

■ 207.5770,
-20.6780, 0.2980

■ 101.9980, 90.5980,
-0.9380

■ 216.2000,
-29.8020, 0.4540

■ 223.2270,
-34.4320, -3.7440

■ 229.6840,
-37.4570, -9.4970

Harmonies

Analogous

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



157.2450, 36.2190, 9.9070



155.9530, 33.7450, -0.3270



153.9960, 23.0180, -9.6700

Triad

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



155.9530, 33.7450, -0.3270



145.7130, -36.4010, -17.6250



157.1910, -7.2470, 15.7050

Complementary

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



155.9530, 33.7450, -0.3270



150.0470, -33.7450, 0.3270

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.



153.6010, -29.2530, 7.0270



155.9530, 33.7450, -0.3270



145.4160, -48.5060, -13.0020

Square

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



155.9530, 33.7450, -0.3270



148.6090, -15.6770, -18.7570



148.3660, -45.0690, -3.7010



159.0210, 13.8430, 18.9550

Rectangle

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



155.9530, 33.7450, -0.3270



152.7880, 11.7400, -14.5320



148.3660, -45.0690, -3.7010



156.6030, -14.3990, 13.1610

Sweetspot

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



155.9530, 33.7450, -0.3270



232.5300, 13.0670, -0.0290



143.7180, 28.2380, 27.9020



114.8930, 7.6110, -0.2690



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



155.9530, 33.7450, -0.3270



194.3050, 53.1850, -0.2150



175.9110, 24.3950, -18.1090



90.0390, 4.2640, -0.1840



85.3970, 76.2930, -0.4990



16.9000, 14.9010, -0.2270

Inverse Universe

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



150.0470, -33.7450, 0.3270



185.1080, -52.9100, 0.7380



130.0890, -24.3950, 18.1090



88.9610, -4.2640, 0.1840



72.6030, -76.2930, 0.4990



14.1000, -14.9010, 0.2270

Previews

White Background



This preview shows how the YIQ color 155.9530, 33.7450, -0.3270 looks on a white background.

Color Contrast Check

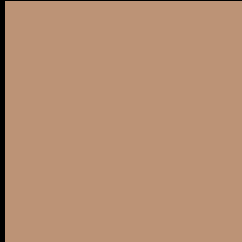
Large Text (above 18pt) WCAG AA × Fail

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 155.9530, 33.7450, -0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

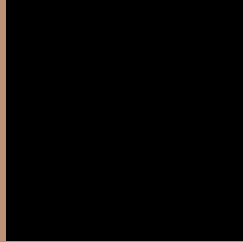
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.9530, 33.7450, -0.3270

Background



This preview shows how black text looks on a background with the YIQ color 155.9530, 33.7450, -0.3270.



This preview shows how white text looks on a background with the YIQ color 155.9530, 33.7450,

-0.3270.

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

155.9530, 33.7450, -0.3270

Protanopia

154.5270, 17.1490, -7.9310

Deuteranopia

155.6320, 30.2150, -2.4330



Tritanopia

158.2040, 26.2690, 14.0210

Trichromacy



Original Color

155.9530, 33.7450, -0.3270

Protanomaly

155.0440, 23.0630, -4.9770

Deuteranomaly

155.6430, 31.6820, -1.4860

Tritanomaly

157.5970, 29.2960, 8.7200

Monochromacy



Original Color

155.9530, 33.7450, -0.3270

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.2310, 12.4710, -0.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.9530, 33.7450, -0.3270 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(188, 147, 118)` looks like.

```
.text, #text, p{  
    color:rgb(188, 147, 118)  
}
```

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(188, 147, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 147, 118) }
```

Border

The CSS property to change the border of an element to YIQ 155.9530, 33.7450, -0.3270 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(188, 147, 118) }
```


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

```
.border{ border-color:rgb(188, 147, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 147, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 147, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 147, 118);  
box-shadow:4px 4px 4px 4px rgb(188, 147,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 155.9530, 33.7450, -0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 147, 118) }
```

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

```
.background{ background-color: rgb(188,  
147, 118) }
```

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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