

Converting Colors

YIQ(149.7700, 12.1510, -5.4570)

Have a look what the booklet for
YIQ(149.7700, 12.1510, -5.4570)
contains.

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Color

**YIQ(149.7700, 12.1510,
-5.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	9E967F
RGB	158, 150, 127
RGB Percent	62%, 59%, 50%
CMY	0.3804, 0.4118, 0.5019
CMYK	0.00, 0.05, 0.20, 0.38
HSL	44°, 14%, 56%
HSV	45°, 20%, 62%
XYZ	28.8385, 30.6136, 24.4735
YIQ	149.7700, 12.1510, -5.4570

Conversions

Conversions Part 2

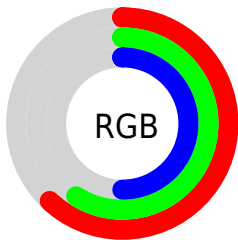
Format	Color
RYB	138, 158, 127
Decimal	10393215
CIELab	62.18, -1.00, 13.19
CIELCh	62, 13.229, 94.345
Yxy	30.6136, 0.3436, 0.3648
Android (android.graphics.Color)	4288583295 (0xFF9E967F)
YUV	149.7700, -11.2256, 7.2177
Hunter-Lab	55.3295, -3.7902, 12.5054

Details

The YIQ color **149.7700, 12.1510, -5.4570** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **135.2300, -12.1510, 5.4570**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9550, 13.0680, -5.5560**, and **98.6990, 10.9130, -5.0470** is the 20% darker color. If you saturate the color by 10%, you get **145.5980, 18.3870, -8.3410**, and if you desaturate by 10%, it is **153.9420, 5.9150, -2.5730**.

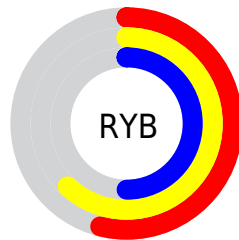
Distribution



Red (62%)

Green (59%)

Blue (50%)



Red (54%)

Yellow (62%)

Blue (50%)

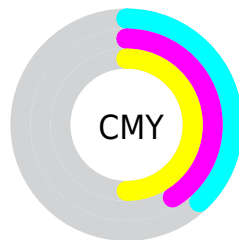


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.7700, 12.1510, -5.4570 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 149.7700, 12.1510, -5.4570 by changing the saturation by 10% instead.


 149.7700, 12.1510,
-5.4570


 149.7700, 12.1510,
-5.4570


255.0000, -0.0000,
-0.0000

 123.8840, 11.8300,
-5.1460


 203.9550, 13.0680,
-5.5560


 98.6990, 10.9130,
-5.0470


 231.8410, 13.3890,
-5.8670

 74.8130, 10.5920,
-4.7360

 252.8340, 6.0990,
-5.9090

 52.5140, 9.9960,
-4.9480

 31.2150, 9.4000,
-5.1600

 7.6860, 3.7600,
-2.0640

 0.0000, 0.0000,

0.0000

■ 149.7700, 12.1510,
-5.4570

■ 149.7700, 12.1510,
-5.4570

■ 145.5980, 18.3870,
-8.3410

■ 153.9420, 5.9150,
-2.5730

■ 141.4260, 24.6230,
-11.2250

■ 158.1140, -0.3210,
0.3110

■ 137.3680, 30.5380,
-13.7980

■ 162.1720, -6.2360,
2.8840

■ 133.1960, 36.7740,
-16.6820

■ 166.3440,
-12.4720, 5.7680

■ 129.0240, 43.0100,
-19.5660

■ 170.5160,
-18.7080, 8.6520

■ 124.8520, 49.2460,
-22.4500

■ 174.6880,
-24.9440, 11.5360

■ 120.0930, 55.7570,
-24.8110

■ 179.4470,
-31.4550, 13.8970

■ 116.0350, 61.6720,
-27.3840

■ 183.5050,
-37.3700, 16.4700

■ 115.9210, 61.9930,
-27.6950

■ 186.0810,
-39.1120, 15.0000

Harmonies

Analogous

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



151.0530, 18.8440, -0.1000



149.7700, 12.1510, -5.4570



148.6870, 2.0190, -9.0610

Triad

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



149.7700, 12.1510, -5.4570



146.6210, -23.9780, -5.9780



152.8150, 8.2510, 10.1630

Complementary

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



149.7700, 12.1510, -5.4570



135.2300, -12.1510, 5.4570

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.



152.0140, -2.6150, 8.8490



149.7700, 12.1510, -5.4570



147.8650, -21.5490, -0.4370

Square

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



149.7700, 12.1510, -5.4570



145.9650, -19.2550, -8.9750



150.2190, -13.6180, 4.5100



152.3660, 16.8250, 8.9610

Rectangle

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



149.7700, 12.1510, -5.4570



147.1530, -5.2250, -9.9370



150.2190, -13.6180, 4.5100



152.2600, 5.5000, 10.4600

Sweetspot

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



149.7700, 12.1510, -5.4570



203.1700, 5.2730, -1.9510



137.1810, 15.9080, 9.0600



102.9140, 3.1180, -1.4420



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.



149.7700, 12.1510, -5.4570



193.6690, 19.6250, -8.7510



152.3730, 5.7790, -11.1250



76.9140, 3.1180, -1.4420



104.9790, 56.0780, -25.1220



10.9420, 5.9150, -2.5730

Inverse Universe

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



135.2300, -12.1510, 5.4570



170.3310, -19.6250, 8.7510



132.6270, -5.7790, 11.1250



73.0860, -3.1180, 1.4420



38.0210, -56.0780, 25.1220



4.0580, -5.9150, 2.5730

Previews

White Background



This preview shows how the YIQ color 149.7700, 12.1510, -5.4570 looks on a white background.

Color Contrast Check

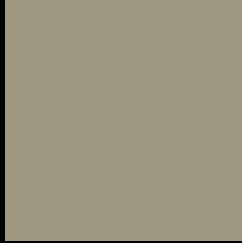
Large Text (above 18pt) WCAG AA × Fail

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 149.7700, 12.1510, -5.4570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

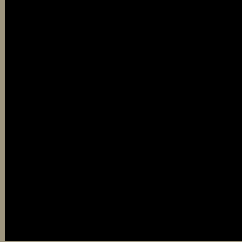
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.7700, 12.1510, -5.4570

Background



This preview shows how black text looks on a background with the YIQ color 149.7700, 12.1510, -5.4570.



This preview shows how white text looks on a background with the YIQ color 149.7700, 12.1510,

-5.4570.

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

149.7700, 12.1510, -5.4570

Protanopia

149.7700, 12.1510, -5.4570

Deuteranopia

151.4340, 22.1450, 0.6490



Tritanopia

152.0380, 6.0050, 6.8130

Trichromacy



Original Color

149.7700, 12.1510, -5.4570

Protanomaly

149.7700, 12.1510, -5.4570

Deuteranomaly

151.1130, 18.6150, -1.4570

Tritanomaly

151.0720, 8.6650, 2.6570

Monochromacy



Original Color

149.7700, 12.1510, -5.4570

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9850, 4.3560, -1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.7700, 12.1510, -5.4570 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(158, 150, 127)` looks like.

```
.text, #text, p{  
    color:rgb(158, 150, 127)  
}
```

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(158, 150, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 150, 127) }
```

Border

The CSS property to change the border of an element to YIQ 149.7700, 12.1510, -5.4570 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(158, 150, 127) }
```


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

```
.border{ border-color:rgb(158, 150, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 150, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 150, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 150, 127);  
box-shadow:4px 4px 4px 4px rgb(158, 150,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 149.7700, 12.1510, -5.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 150, 127) }
```

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

```
.background{ background-color: rgb(158,  
150, 127) }
```

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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