

# Converting Colors

YIQ(159.5560, 27.3730, -5.9950)

Have a look what the booklet for  
YIQ(159.5560, 27.3730, -5.9950)  
contains.

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# Color

**YIQ(159.5560, 27.3730,  
-5.9950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B69C77
RGB	182, 156, 119
RGB Percent	71%, 61%, 47%
CMY	0.2862, 0.3883, 0.5332
CMYK	0.00, 0.14, 0.35, 0.29
HSL	35°, 30%, 59%
HSV	35°, 35%, 71%
XYZ	34.5122, 35.0523, 22.4106
YIQ	159.5560, 27.3730, -5.9950

# Conversions

## Conversions Part 2

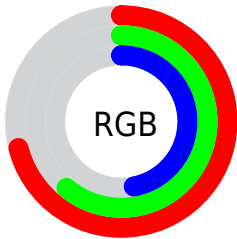
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 182, 119
Decimal	11967607
CIE <sub>Lab</sub>	65.79, 4.17, 22.93
CIE <sub>LCh</sub>	66, 23.307, 79.695
Yxy	35.0523, 0.3752, 0.3811
Android (android.graphics.Color)	4290157687 (0xFFB69C77)
YUV	159.5560, -19.9941, 19.6834
Hunter-Lab	59.2050, 0.4440, 19.0007

# Details

The YIQ color **159.5560, 27.3730, -5.9950** is a light color, and the websafe version is hex **999966**. A complement of this color would be **141.4440, -27.3730, 5.9950**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.2250, 29.8030, -5.9810**, and **107.8870, 24.9430, -6.0090** is the 20% darker color. If you saturate the color by 10%, you get **152.8080, 35.3510, -7.4090**, and if you desaturate by 10%, it is **166.3040, 19.3950, -4.5810**.

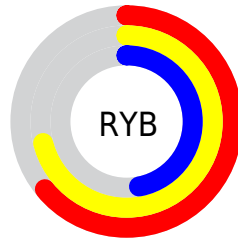
# Distribution



Red (71%)

Green (61%)

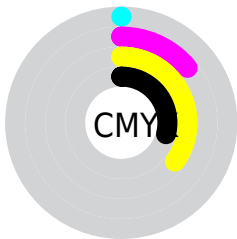
Blue (47%)



Red (64%)

Yellow (71%)

Blue (47%)

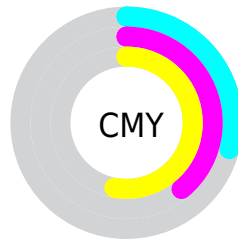


Cyan (0%)

Magenta (14%)

Yellow (35%)

Black (29%)



Cyan (29%)

Magenta (39%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 159.5560, 27.3730, -5.9950 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 159.5560, 27.3730, -5.9950 by changing the saturation by 10% instead.





 159.5560, 27.3730,  
-5.9950


 159.5560, 27.3730,  
-5.9950


255.0000, -0.0000,  
-0.0000


 133.3710, 26.4560,  
-5.8960


 214.2250, 29.8030,  
-5.9810


 107.8870, 24.9430,  
-6.0090


 239.2240, 22.3760,  
-9.0480

 83.4030, 23.4300,  
-6.1220

 251.8080, 8.9880,  
-8.7080

 60.0330, 21.5960,  
-5.9240

 37.0930, 21.3670,  
-7.2810

 18.3620, 13.4800,  
-2.0080

 0.0000, 0.0000,

0.0000

■ 159.5560, 27.3730,  
-5.9950

■ 159.5560, 27.3730,  
-5.9950

■ 152.8080, 35.3510,  
-7.4090

■ 166.3040, 19.3950,  
-4.5810

■ 146.6470, 43.0540,  
-9.3460

■ 172.4650, 11.6920,  
-2.6440

■ 139.7850, 51.3530,  
-11.0710

■ 179.3270, 3.3930,  
-0.9190

■ 133.6240, 59.0560,  
-13.0080

■ 185.4880, -4.3100,  
1.0180

■ 126.8760, 67.0340,  
-14.4220

■ 192.2360,  
-12.2880, 2.4320

■ 120.7150, 74.7370,  
-16.3590

■ 198.3970,  
-19.9910, 4.3690

■ 117.2270, 79.0470,  
-17.3770

■ 205.1450,  
-27.9690, 5.7830

■ 210.2800,  
-32.7830, 4.9210

■ 214.9760,  
-34.9830, 0.7370

# Harmonies

## Analogous

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



161.0720, 35.0280, 3.9560



159.5560, 27.3730, -5.9950



157.5000, 12.6110, -13.7970

# Triad

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



159.5560, 27.3730, -5.9950



150.5860, -43.2330, -14.9530



163.1880, 6.0030, 17.8670

# Complementary

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



159.5560, 27.3730, -5.9950



141.4440, -27.3730, 5.9950

# 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.



160.8910, -15.2700, 12.4260



159.5560, 27.3730, -5.9950



151.7740, -46.3980, -7.1500

# Square

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



159.5560, 27.3730, -5.9950



151.7910, -27.8730, -17.9930



156.4430, -34.8000, 2.9280



163.1700, 23.6090, 18.1770



# Rectangle

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



159.5560, 27.3730, -5.9950



155.8620, -0.2720, -17.1040



156.4430, -34.8000, 2.9280



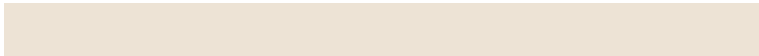
162.5400, -0.9200, 16.6800

# Sweetspot

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



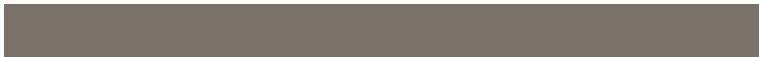
159.5560, 27.3730, -5.9950



228.3940, 10.4540, -2.2340



140.8010, 29.2020, 21.4420



114.7680, 6.4650, -1.5270



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000



# Same Dimension

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



159.5560, 27.3730, -5.9950



201.6470, 43.0540, -9.3460



173.3230, 17.2430, -20.6530



88.6260, 3.9890, -0.7070



100.0610, 67.9510, -14.5210



17.7640, 12.2880, -2.4320



# Inverse Universe

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



141.4440, -27.3730, 5.9950



173.3530, -43.0540, 9.3460



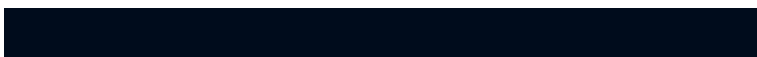
127.6770, -17.2430, 20.6530



85.7870, -3.7140, 1.2300



55.3520, -67.6760, 15.0440

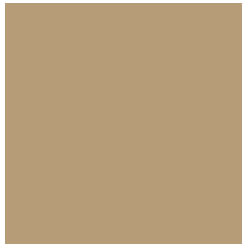


10.2360, -12.2880, 2.4320



# Previews

## White Background



This preview shows how the YIQ color 159.5560, 27.3730, -5.9950 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 159.5560, 27.3730, -5.9950 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 159.5560, 27.3730, -5.9950

## Background



This preview shows how black text looks on a background with the YIQ color 159.5560, 27.3730, -5.9950.



This preview shows how white text looks on a background with the YIQ color 159.5560, 27.3730,

-5.9950.

# 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

159.5560, 27.3730, -5.9950

### Protanopia

158.8430, 19.0750, -9.7970

### Deuteranopia

160.0020, 32.0490, -2.6310



## Tritanopia

162.4310, 18.2000, 11.5760

# Trichromacy



## Original Color

159.5560, 27.3730, -5.9950

## Protanomaly

159.3380, 22.0550, -8.7370

## Deuteranomaly

159.6920, 29.9860, -3.7900

## Tritanomaly

161.1830, 21.5940, 5.1300

# Monochromacy



## Original Color

159.5560, 27.3730, -5.9950

## Achromatopsia

160.0000, 0.0000, -0.0000

## Achromatomaly

160.0950, 9.8580, -2.4460

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 159.5560, 27.3730, -5.9950 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(182, 156, 119)` looks like.

```
.text, #text, p{  
    color:rgb(182, 156, 119)  
}
```

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(182, 156, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 156, 119) }
```

## Border

The CSS property to change the border of an element to YIQ 159.5560, 27.3730, -5.9950 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(182, 156, 119) }
```



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

```
.border{ border-color:rgb(182, 156, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 156, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 156, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 156, 119);  
box-shadow:4px 4px 4px 4px rgb(182, 156,  
119) }
```

# Background

The CSS property to change the background color of an element to YIQ 159.5560, 27.3730, -5.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 156, 119) }
```

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

```
.background{ background-color: rgb(182,  
156, 119) }
```

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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