

Converting Colors

YIQ(159.6220, 27.0070,
-10.3770)

Have a look what the booklet for
YIQ(159.6220, 27.0070, -10.3770)
contains.

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Color

**YIQ(159.6220, 27.0070,
-10.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	B39F70
RGB	179, 159, 112
RGB Percent	70%, 62%, 44%
CMY	0.2980, 0.3765, 0.5606
CMYK	0.00, 0.11, 0.37, 0.30
HSL	42°, 31%, 57%
HSV	42°, 37%, 70%
XYZ	33.9148, 35.5483, 20.4139
YIQ	159.6220, 27.0070, -10.3770

Conversions

Conversions Part 2

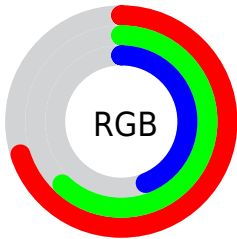
Format	Color
RYB	141, 179, 112
Decimal	11771760
CIELab	66.17, 0.44, 27.21
CIELCh	66, 27.213, 89.065
Yxy	35.5483, 0.3773, 0.3955
Android (android.graphics.Color)	4289961840 (0xFFB39F70)
YUV	159.6220, -23.4776, 16.9945
Hunter-Lab	59.6224, -2.8035, 21.4355

Details

The YIQ color **159.6220, 27.0070, -10.3770** is a light color, and the websafe version is hex **999966**. A complement of this color would be **131.3780, -27.0070, 10.3770**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.8780, 29.1620, -10.8860**, and **107.9530, 24.5770, -10.3910** is the 20% darker color. If you saturate the color by 10%, you get **154.6350, 34.1600, -13.3600**, and if you desaturate by 10%, it is **164.6090, 19.8540, -7.3940**.

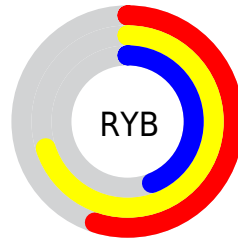
Distribution



Red (70%)

Green (62%)

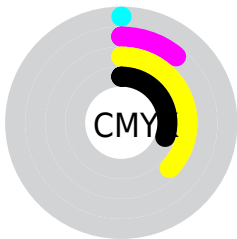
Blue (44%)



Red (55%)

Yellow (70%)

Blue (44%)

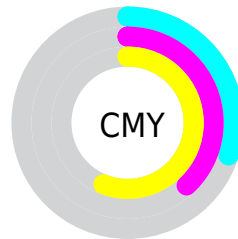


Cyan (0%)

Magenta (11%)

Yellow (37%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.6220, 27.0070, -10.3770 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 159.6220, 27.0070, -10.3770 by changing the saturation by 10% instead.

■ 159.6220, 27.0070,
-10.3770

■ 159.6220, 27.0070,
-10.3770

■ 255.0000, -0.0000,
-0.0000

■ 133.4370, 26.0900,
-10.2780

■ 214.8780, 29.1620,
-10.8860

■ 107.9530, 24.5770,
-10.3910

■ 240.0730, 24.1190,
-13.1050

■ 83.5830, 22.7430,
-10.1930

■ 250.8960, 11.5560,
-11.1960

■ 60.0990, 21.2300,
-10.3060

■ 254.2020, 2.2470,
-2.1770

■ 38.1420, 19.6710,
-9.5850

■ 19.2260, 10.8670,
-4.2130

■ 0.0000, 0.0000,

0.0000

■ 159.6220, 27.0070,
-10.3770

■ 159.6220, 27.0070,
-10.3770

■ 154.6350, 34.1600,
-13.3600

■ 164.6090, 19.8540,
-7.3940

■ 149.0610, 41.5880,
-15.8200

■ 170.1830, 12.4260,
-4.9340

■ 144.0740, 48.7410,
-18.8030

■ 175.1700, 5.2730,
-1.9510

■ 139.0870, 55.8940,
-21.7860

■ 180.1570, -1.8800,
1.0320

■ 133.6270, 63.0010,
-23.9350

■ 185.7310, -9.3080,
3.4920

■ 128.6400, 70.1540,
-26.9180

■ 190.6040,
-16.1400, 6.1640

■ 127.4830, 72.0340,
-27.9500

■ 195.5910,
-23.2930, 9.1470

■ 201.1650,
-30.7210, 11.6070

■ 204.1000,
-32.0960, 8.9920

Harmonies

Analogous

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



161.8180, 38.5590, 0.5350



159.6220, 27.0070, -10.3770



157.2280, 7.3850, -18.2070

Triad

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



159.6220, 27.0070, -10.3770



148.5290, -56.2540, -15.7580



164.6020, 13.7050, 21.4570

Complementary

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



159.6220, 27.0070, -10.3770



131.3780, -27.0070, 10.3770

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.



162.8640, -10.6400, 16.6240



159.6220, 27.0070, -10.3770



151.8210, -53.7800, -5.5240

Square

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



159.6220, 27.0070, -10.3770



149.8650, -39.8850, -20.5650



157.7790, -35.6260, 6.8860



164.4160, 31.7240, 19.7880

Rectangle

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



159.6220, 27.0070, -10.3770



154.4480, -7.9740, -20.6940



157.7790, -35.6260, 6.8860



164.1820, 6.1400, 20.8920

Sweetspot

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



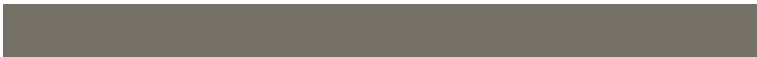
159.6220, 27.0070, -10.3770



224.4540, 10.2250, -3.5910



134.3130, 33.5120, 20.4240



112.9420, 5.9150, -2.5730



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.



159.6220, 27.0070, -10.3770



201.9470, 41.9090, -16.1310



167.4750, 13.7590, -23.5930



86.8000, 3.4390, -1.7530



108.5560, 61.7630, -23.5250



18.3400, 10.5460, -3.9020

Inverse Universe

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



131.3780, -27.0070, 10.3770



158.0530, -41.9090, 16.1310



123.5250, -13.7590, 23.5930



82.7870, -3.7140, 1.2300



44.4440, -61.7630, 23.5250



7.6600, -10.5460, 3.9020

Previews

White Background



This preview shows how the YIQ color 159.6220, 27.0070, -10.3770 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 159.6220, 27.0070, -10.3770 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 159.6220, 27.0070, -10.3770

Background



This preview shows how black text looks on a background with the YIQ color 159.6220, 27.0070, -10.3770.



This preview shows how white text looks on a background with the YIQ color 159.6220, 27.0070,

-10.3770.

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

159.6220, 27.0070, -10.3770

Protanopia

159.4150, 23.1560, -12.1720

Deuteranopia

160.6880, 35.8090, -4.6950



Tritanopia

163.2350, 15.8160, 10.7280

Trichromacy



Original Color

159.6220, 27.0070, -10.3770

Protanomaly

159.4260, 24.6230, -11.2250

Deuteranomaly

160.3670, 32.2790, -6.8010

Tritanomaly

162.2320, 19.8980, 2.8260

Monochromacy



Original Color

159.6220, 27.0070, -10.3770

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.1550, 9.6290, -3.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.6220, 27.0070, -10.3770 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(179, 159, 112)` looks like.

```
.text, #text, p{  
    color:rgb(179, 159, 112)  
}
```

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(179, 159, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 159, 112) }
```

Border

The CSS property to change the border of an element to YIQ 159.6220, 27.0070, -10.3770 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(179, 159, 112) }
```


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

```
.border{ border-color:rgb(179, 159, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 159, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 159, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 159, 112);  
box-shadow:4px 4px 4px 4px rgb(179, 159,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 159.6220, 27.0070, -10.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 159, 112) }
```

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

```
.background{ background-color: rgb(179,  
159, 112) }
```

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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