

Converting Colors

YIQ(159.0330, 12.4280,
-15.9880)

Have a look what the booklet for
YIQ(159.0330, 12.4280, -15.9880)
contains.

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Color

**YIQ(159.0330, 12.4280,
-15.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A676
RGB	161, 166, 118
RGB Percent	63%, 65%, 46%
CMY	0.3687, 0.3490, 0.5372
CMYK	0.03, 0.00, 0.29, 0.35
HSL	66°, 21%, 56%
HSV	66°, 29%, 65%
XYZ	31.6037, 36.1576, 22.4598
YIQ	159.0330, 12.4280, -15.9880

Conversions

Conversions Part 2

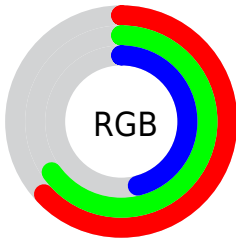
Format	Color
RYB	118, 166, 123
Decimal	10593910
CIELab	66.64, -9.81, 24.31
CIELCh	67, 26.218, 111.983
Yxy	36.1576, 0.3503, 0.4008
Android (android.graphics.Color)	4288783990 (0xFFA1A676)
YUV	159.0330, -20.2293, 1.7251
Hunter-Lab	60.1312, -11.4138, 19.9462

Details

The YIQ color $159.0330, 12.4280, -15.9880$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $124.9670, -12.4280, 15.9880$, and the grayscale version is $159.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $213.8050, 13.0700, -16.6100$, and $107.3750, 11.4650, -15.0550$ is the 20% darker color. If you saturate the color by 10%, you get $156.4970, 16.6930, -21.6990$, and if you desaturate by 10%, it is $161.5690, 8.1630, -10.2770$.

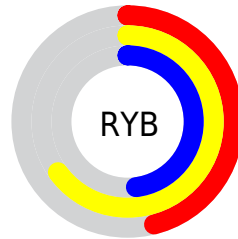
Distribution



Red (63%)

Green (65%)

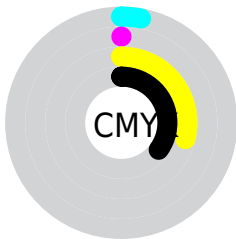
Blue (46%)



Red (46%)

Yellow (65%)

Blue (48%)

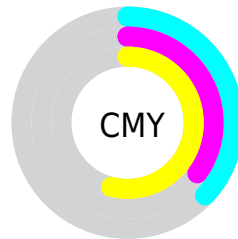


Cyan (3%)

Magenta (0%)

Yellow (29%)

Black (35%)



Cyan (37%)

Magenta (35%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.0330, 12.4280, -15.9880 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 159.0330, 12.4280, -15.9880 by changing the saturation by 10% instead.

■ 159.0330, 12.4280,
-15.9880

■ 159.0330, 12.4280,
-15.9880

■ 255.0000, -0.0000,
-0.0000

■ 132.8480, 11.5110,
-15.8890

■ 213.8050, 13.0700,
-16.6100

■ 107.3750, 11.4650,
-15.0550

■ 242.5770, 13.7120,
-17.2320

■ 83.1900, 10.5480,
-14.9560

■ 251.6940, 9.3090,
-9.0190

■ 59.4180, 9.9060,
-14.3340

■ 37.1900, 10.5480,
-14.9560

■ 17.6760, 0.5520,
-10.0080

■ 0.0000, 0.0000,

0.0000

■ 159.0330, 12.4280,
-15.9880

■ 159.0330, 12.4280,
-15.9880

■ 156.4970, 16.6930,
-21.6990

■ 161.5690, 8.1630,
-10.2770

■ 154.3740, 21.2330,
-26.8870

■ 163.6920, 3.6230,
-5.0890

■ 151.8380, 25.4980,
-32.5980

■ 166.2280, -0.6420,
0.6220

■ 149.4160, 29.4420,
-37.9980

■ 168.6500, -4.5860,
6.0220

■ 146.8800, 33.7070,
-43.7090

■ 171.1860, -8.8510,
11.7330

■ 144.6430, 38.5680,
-49.2080

■ 173.4230,
-13.7120, 17.2320

■ 142.2210, 42.5120,
-54.6080

■ 175.8450,
-17.6560, 22.6320

■ 141.9930, 43.1540,
-55.2300

■ 178.3810,
-21.9210, 28.3430

■ 179.4350,
-22.0130, 30.0110

Harmonies

Analogous

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



161.2850, 29.5740, -7.3380



159.0330, 12.4280, -15.9880



156.0780, -9.8080, -20.4960

Triad

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



159.0330, 12.4280, -15.9880



152.5390, -53.0460, -7.8140



165.6760, 28.0560, 20.1840

Complementary

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



159.0330, 12.4280, -15.9880



124.9670, -12.4280, 15.9880

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.



165.4380, 8.2950, 20.3830



159.0330, 12.4280, -15.9880



157.9310, -39.1100, 3.9460

Square

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



159.0330, 12.4280, -15.9880



150.3400, -51.3480, -16.5640



163.1730, -16.0040, 14.7160



165.1360, 38.1440, 13.5680

Rectangle

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



159.0330, 12.4280, -15.9880



153.5800, -25.9010, -20.6930



163.1730, -16.0040, 14.7160



166.2670, 21.9580, 20.5660

Sweetspot

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



159.0330, 12.4280, -15.9880



214.1220, 5.2280, -6.6440



135.2870, 27.2330, 7.5610



108.0340, 2.6600, -4.1560



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



159.0330, 12.4280, -15.9880



205.9440, 19.6280, -25.3320



151.8570, -1.8760, -21.0760



82.7890, 1.9720, -2.7000



126.3440, 37.9720, -49.4200



17.1220, 5.2280, -6.6440

Inverse Universe

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



124.9670, -12.4280, 15.9880



152.0560, -19.6280, 25.3320



132.1430, 1.8760, 21.0760



77.2110, -1.9720, 2.7000



21.3570, -38.5680, 49.2080



2.8780, -5.2280, 6.6440

Previews

White Background



This preview shows how the YIQ color 159.0330, 12.4280, -15.9880 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 159.0330, 12.4280, -15.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

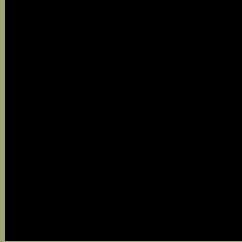
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

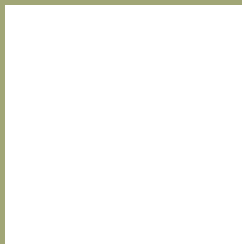
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 159.0330, 12.4280, -15.9880

Background



This preview shows how black text looks on a background with the YIQ color 159.0330, 12.4280, -15.9880.



This preview shows how white text looks on a background with the YIQ color 159.0330, 12.4280,

-15.9880.

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

159.0330, 12.4280, -15.9880

Protanopia

160.3440, 21.9180, -11.7620

Deuteranopia

161.7740, 32.6910, -3.2530



Tritanopia

163.1730, 1.1910, 5.9510

Trichromacy



Original Color

159.0330, 12.4280, -15.9880

Protanomaly

159.5500, 18.3420, -13.0340

Deuteranomaly

160.7190, 25.3560, -7.9880

Tritanomaly

161.7570, 4.9980, -2.4740

Monochromacy



Original Color

159.0330, 12.4280, -15.9880

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.3500, 4.5860, -6.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.0330, 12.4280, -15.9880 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(161, 166, 118)` looks like.

```
.text, #text, p{  
    color:rgb(161, 166, 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(161, 166, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 166, 118) }
```

Border

The CSS property to change the border of an element to YIQ 159.0330, 12.4280, -15.9880 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(161, 166, 118) }
```


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

```
.border{ border-color:rgb(161, 166, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 166, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 166, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 166, 118);  
box-shadow:4px 4px 4px 4px rgb(161, 166,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 159.0330, 12.4280, -15.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 166, 118) }
```

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

```
.background{ background-color: rgb(161,  
166, 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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