

Converting Colors

YIQ(159.3900, 15.1360,
-32.0320)

Have a look what the booklet for
YIQ(159.3900, 15.1360, -32.0320)
contains.

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Color

**YIQ(159.3900, 15.1360,
-32.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB058
RGB	154, 176, 88
RGB Percent	60%, 69%, 35%
CMY	0.3962, 0.3098, 0.6548
CMYK	0.13, 0.00, 0.50, 0.31
HSL	75°, 36%, 52%
HSV	75°, 50%, 69%
XYZ	30.6111, 38.6267, 15.0819
YIQ	159.3900, 15.1360, -32.0320

Conversions

Conversions Part 2

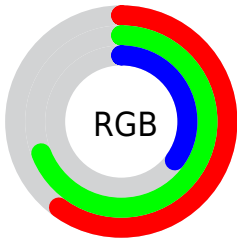
Format	Color
RYB	88, 176, 110
Decimal	10137688
CIELab	68.48, -21.41, 42.17
CIELCh	68, 47.297, 116.914
Yxy	38.6267, 0.3630, 0.4581
Android (android.graphics.Color)	4288327768 (0xFF9AB058)
YUV	159.3900, -35.1953, -4.7270
Hunter-Lab	62.1504, -20.8459, 29.1174

Details

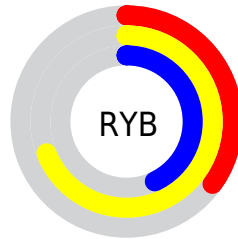
The YIQ color **159.3900, 15.1360, -32.0320** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **104.6100, -15.1360, 32.0320**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.9340, 16.4200, -33.2760**, and **106.7320, 14.1730, -31.0990** is the 20% darker color. If you saturate the color by 10%, you get **156.1420, 18.5300, -38.4780**, and if you desaturate by 10%, it is **162.6380, 11.7420, -25.5860**.

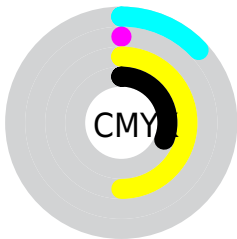
Distribution



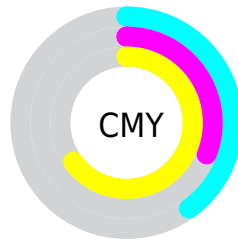
- Red (60%)
- Green (69%)
- Blue (35%)



- Red (35%)
- Yellow (69%)
- Blue (43%)



- Cyan (13%)
- Magenta (0%)
- Yellow (50%)
- Black (31%)




- Cyan (40%)
- Magenta (31%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.3900, 15.1360, -32.0320 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 159.3900, 15.1360, -32.0320 by changing the saturation by 10% instead.


 159.3900, 15.1360,
-32.0320


 159.3900, 15.1360,
-32.0320


255.0000, -0.0000,
-0.0000


 132.6180, 14.4940,
-31.4100


 214.9340, 16.4200,
-33.2760


 106.7320, 14.1730,
-31.0990


 240.1840, 18.7120,
-30.7600

 81.6780, 14.2650,
-32.7670


 248.1600, 19.2600,
-18.6600

 59.2740, 9.7710,
-28.4130

 251.3520, 10.2720,
-9.9520

 38.2980, 1.1960,
-21.6840

254.6580, 0.9630,
-0.9330

 18.1970, -8.5250,
-16.2130

 0.0000, 0.0000,

0.0000

■ 159.3900, 15.1360,
-32.0320

■ 159.3900, 15.1360,
-32.0320

■ 156.1420, 18.5300,
-38.4780

■ 162.6380, 11.7420,
-25.5860

■ 152.7090, 21.0070,
-44.8250

■ 166.0710, 9.2650,
-19.2390

■ 149.4610, 24.4010,
-51.2710

■ 169.3190, 5.8710,
-12.7930

■ 146.0280, 26.8780,
-57.6180

■ 172.7520, 3.3940,
-6.4460

■ 142.7800, 30.2720,
-64.0640

■ 176.0000, -0.0000,
-0.0000

■ 179.2480, -3.3940,
6.4460

■ 182.6810, -5.8710,
12.7930

■ 185.9290, -9.2650,
19.2390

■ 189.3620,
-11.7420, 25.5860

Harmonies

Analogous

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



163.7040, 46.9070, -18.6050



159.3900, 15.1360, -32.0320



152.3600, -28.8780, -38.3340

Triad

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



159.3900, 15.1360, -32.0320



134.5530, -126.7230, -21.6910



170.1620, 53.5910, 36.4950

Complementary

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



159.3900, 15.1360, -32.0320



104.6100, -15.1360, 32.0320

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.



171.7470, 21.2670, 38.6030



159.3900, 15.1360, -32.0320



154.7970, -79.5950, 5.2770

Square

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



159.3900, 15.1360, -32.0320



133.6120, -117.1840, -34.8800



169.1850, -24.3050, 27.4950



168.0320, 68.0360, 22.5000

Rectangle

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



159.3900, 15.1360, -32.0320



141.9500, -68.7660, -42.3180



169.1850, -24.3050, 27.4950



170.9530, 44.0540, 38.6300

Sweetspot

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



159.3900, 15.1360, -32.0320



223.3190, 5.8710, -12.7930



127.2260, 46.3980, 7.1500



111.1110, 3.7610, -7.5910



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



159.3900, 15.1360, -32.0320



203.8030, 23.4380, -50.3380



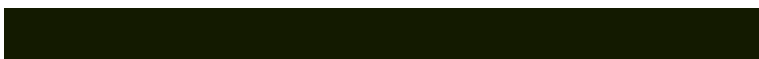
146.2340, -11.0880, -41.3600



87.3760, 1.6970, -3.2230



124.1960, 26.4650, -55.6390



20.9430, 4.1740, -9.5700

Inverse Universe

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



104.6100, -15.1360, 32.0320



117.8980, -24.0340, 50.1260



117.7660, 11.0880, 41.3600



81.9230, -1.1010, 3.4350



28.8040, -26.4650, 55.6390



4.7580, -4.7700, 9.3580

Previews

White Background



This preview shows how the YIQ color 159.3900, 15.1360, -32.0320 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 159.3900, 15.1360, -32.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

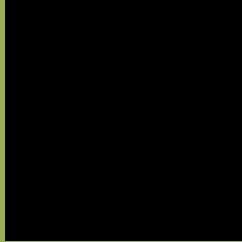
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.3900, 15.1360, -32.0320

Background



This preview shows how black text looks on a background with the YIQ color 159.3900, 15.1360, -32.0320.



This preview shows how white text looks on a background with the YIQ color 159.3900, 15.1360,

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

159.3900, 15.1360, -32.0320

Protanopia

162.7350, 36.4540, -21.8980

Deuteranopia

164.8170, 48.3270, -11.2970



Tritanopia

167.1830, -4.7690, 3.8310

Trichromacy



Original Color

159.3900, 15.1360, -32.0320

Protanomaly

161.3210, 28.7520, -25.4880

Deuteranomaly

162.8430, 36.2700, -18.5620

Tritanomaly

164.5730, 2.3400, -9.3720

Monochromacy



Original Color

159.3900, 15.1360, -32.0320

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.9600, 5.5040, -11.6480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.3900, 15.1360, -32.0320 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(154, 176, 88)` looks like.

```
.text, #text, p{  
    color:rgb(154, 176, 88)  
}
```

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(154, 176, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 176, 88) }
```

Border

The CSS property to change the border of an element to YIQ 159.3900, 15.1360, -32.0320 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(154, 176, 88) }
```


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

```
.border{ border-color:rgb(154, 176, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 176, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 176, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 176, 88);  
box-shadow:4px 4px 4px 4px rgb(154, 176,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 159.3900, 15.1360, -32.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 176, 88) }
```

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

```
.background{ background-color: rgb(154,  
176, 88) }
```

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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