

Converting Colors

YIQ(148.4320, 32.5130,
-33.0790)

Have a look what the booklet for
YIQ(148.4320, 32.5130, -33.0790)
contains.

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Color

**YIQ(148.4320, 32.5130,
-33.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA138
RGB	159, 161, 56
RGB Percent	62%, 63%, 22%
CMY	0.3765, 0.3686, 0.7802
CMYK	0.01, 0.00, 0.65, 0.37
HSL	61°, 48%, 43%
HSV	61°, 65%, 63%
XYZ	27.7546, 33.1451, 8.6831
YIQ	148.4320, 32.5130, -33.0790

Conversions

Conversions Part 2

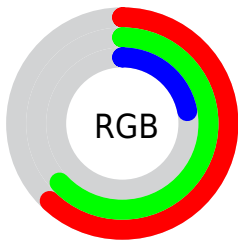
Format	Color
RYB	56, 161, 58
Decimal	10461496
CIELab	64.28, -14.31, 52.32
CIELCh	64, 54.246, 105.294
Yxy	33.1451, 0.3989, 0.4763
Android (android.graphics.Color)	4288651576 (0xFF9FA138)
YUV	148.4320, -45.5690, 9.2681
Hunter-Lab	57.5718, -14.6980, 31.3580

Details

The YIQ color **148.4320, 32.5130, -33.0790** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **68.5680, -32.5130, 33.0790**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.6880, 34.6680, -33.5880**, and **95.6660, 31.7340, -35.4820** is the 20% darker color. If you saturate the color by 10%, you get **146.6080, 37.6490, -38.0550**, and if you desaturate by 10%, it is **150.2560, 27.3770, -28.1030**.

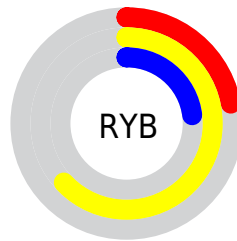
Distribution



Red (62%)

Green (63%)

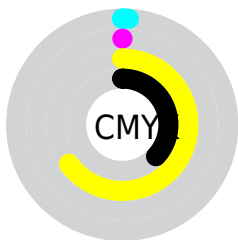
Blue (22%)



Red (22%)

Yellow (63%)

Blue (23%)

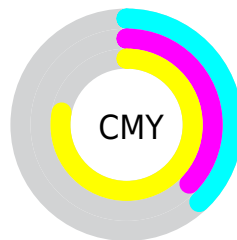


Cyan (1%)

Magenta (0%)

Yellow (65%)

Black (37%)



Cyan (38%)

Magenta (37%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.4320, 32.5130, -33.0790 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 148.4320, 32.5130, -33.0790 by changing the saturation by 10% instead.

■ 148.4320, 32.5130,
-33.0790

■ 148.4320, 32.5130,
-33.0790

■ 255.0000, -0.0000,
-0.0000

■ 121.6060, 31.9630,
-34.1250

■ 203.6880, 34.6680,
-33.5880

■ 95.6660, 31.7340,
-35.4820

■ 231.8730, 35.5850,
-33.6870

■ 73.2170, 23.1130,
-27.9190

■ 244.3980, 29.8530,
-28.9230

■ 52.2410, 14.5380,
-21.1900

■ 247.5900, 20.8650,
-20.2150

■ 32.4390, 5.4130,
-15.5070

■ 250.8960, 11.5560,
-11.1960

■ 12.9140, -6.0500,
-11.5060

■ 254.2020, 2.2470,

■ 0.0000, 0.0000,

-2.1770

0.0000

■ 148.4320, 32.5130,
-33.0790

■ 148.4320, 32.5130,
-33.0790

■ 146.6080, 37.6490,
-38.0550

■ 150.2560, 27.3770,
-28.1030

■ 144.4850, 42.1890,
-43.2430

■ 152.3790, 22.8370,
-22.9150

■ 142.6610, 47.3250,
-48.2190

■ 154.2030, 17.7010,
-17.9390

■ 141.7490, 49.8930,
-50.7070

■ 156.0270, 12.5650,
-12.9630

■ 158.2640, 7.7040,
-7.4640

■ 160.0880, 2.5680,
-2.4880

■ 161.9120, -2.5680,
2.4880

■ 163.7360, -7.7040,
7.4640

■ 165.8590,
-12.2440, 12.6520

Harmonies

Analogous

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



152.5380, 62.1740, -14.4500



148.4320, 32.5130, -33.0790



141.6360, -12.2800, -41.7840

Triad

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



148.4320, 32.5130, -33.0790



129.4350, -120.5790, -22.9070



158.2080, 47.9500, 45.1180

Complementary

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



148.4320, 32.5130, -33.0790



68.5680, -32.5130, 33.0790

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.



160.7160, 5.3570, 40.5970



148.4320, 32.5130, -33.0790



127.0020, -126.1290, -10.4250

Square

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



148.4320, 32.5130, -33.0790



126.1800, -107.2800, -38.1600



151.9950, -53.1890, 22.3230



155.6340, 72.5730, 33.8930

Rectangle

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



148.4320, 32.5130, -33.0790



131.1330, -56.3400, -47.2520



151.9950, -53.1890, 22.3230



159.8630, 35.8000, 45.0480

Sweetspot

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



148.4320, 32.5130, -33.0790



203.9130, 12.8860, -13.2740



88.5690, 62.0300, 21.2140



101.7370, 7.7500, -8.2980



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.



148.4320, 32.5130, -33.0790



189.5210, 50.5350, -51.3290



132.8840, 1.5210, -44.1030



80.6750, 2.2930, -3.0110



127.8720, 45.3530, -45.5190



15.9480, 5.7780, -5.5980

Inverse Universe

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



68.5680, -32.5130, 33.0790



65.4790, -50.5350, 51.3290



84.1160, -1.5210, 44.1030



74.3250, -2.2930, 3.0110



17.4270, -44.7570, 45.7310



2.0520, -5.7780, 5.5980

Previews

White Background



This preview shows how the YIQ color 148.4320, 32.5130, -33.0790 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 148.4320, 32.5130, -33.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

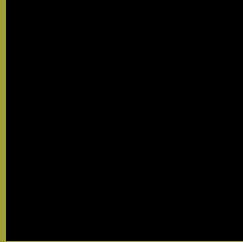
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 148.4320, 32.5130, -33.0790

Background



This preview shows how black text looks on a background with the YIQ color 148.4320, 32.5130, -33.0790.



This preview shows how white text looks on a background with the YIQ color 148.4320, 32.5130,

-33.0790.

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

148.4320, 32.5130, -33.0790

Protanopia

149.8680, 43.1490, -27.5950

Deuteranopia

151.7220, 55.6640, -17.6160



Tritanopia

157.6360, 7.1970, 7.2370

Trichromacy



Original Color

148.4320, 32.5130, -33.0790

Protanomaly

149.5470, 39.6190, -29.7010

Deuteranomaly

150.6560, 46.8620, -23.2980

Tritanomaly

154.3420, 16.2320, -7.8320

Monochromacy



Original Color

148.4320, 32.5130, -33.0790

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.3690, 11.6020, -12.0300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.4320, 32.5130, -33.0790 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(159, 161, 56)` looks like.

```
.text, #text, p{  
    color:rgb(159, 161, 56)  
}
```

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(159, 161, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 161, 56) }
```

Border

The CSS property to change the border of an element to YIQ 148.4320, 32.5130, -33.0790 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(159, 161, 56) }
```


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

```
.border{ border-color:rgb(159, 161, 56) }
```

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

Here you see how a box with a 4 pixel rgb(159, 161, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 161, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 161, 56);  
box-shadow:4px 4px 4px 4px rgb(159, 161,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 148.4320, 32.5130, -33.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 161, 56) }
```

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

```
.background{ background-color: rgb(159,  
161, 56) }
```

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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