

Converting Colors

YIQ(149.4500, 41.2700,
-32.0900)

Have a look what the booklet for
YIQ(149.4500, 41.2700, -32.0900)
contains.

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Color

**YIQ(149.4500, 41.2700,
-32.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	A99F31
RGB	169, 159, 49
RGB Percent	66%, 62%, 19%
CMY	0.3373, 0.3765, 0.8076
CMYK	0.00, 0.06, 0.71, 0.34
HSL	55°, 55%, 43%
HSV	55°, 71%, 66%
XYZ	29.3128, 33.4508, 7.8245
YIQ	149.4500, 41.2700, -32.0900

Conversions

Conversions Part 2

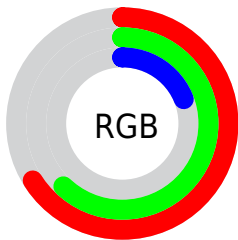
Format	Color
RYB	60, 169, 49
Decimal	11116337
CIELab	64.52, -9.27, 55.69
CIELCh	65, 56.452, 99.456
Yxy	33.4508, 0.4153, 0.4739
Android (android.graphics.Color)	4289306417 (0xFFA99F31)
YUV	149.4500, -49.5219, 17.1453
Hunter-Lab	57.8366, -10.7466, 32.4646

Details

The YIQ color **149.4500, 41.2700, -32.0900** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **68.5500, -41.2700, 32.0900**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.5320, 43.9750, -31.5530**, and **97.1830, 37.6480, -32.5280** is the 20% darker color. If you saturate the color by 10%, you get **146.9250, 47.0020, -36.8540**, and if you desaturate by 10%, it is **151.9750, 35.5380, -27.3260**.

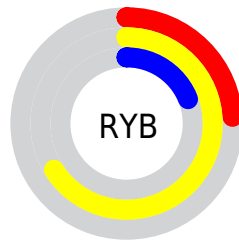
Distribution



Red (66%)

Green (62%)

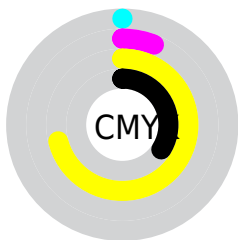
Blue (19%)



Red (24%)

Yellow (66%)

Blue (19%)

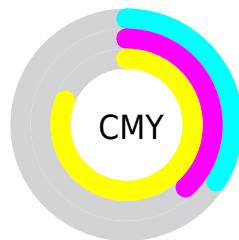


Cyan (0%)

Magenta (6%)

Yellow (71%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.4500, 41.2700, -32.0900 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 149.4500, 41.2700, -32.0900 by changing the saturation by 10% instead.

■ 149.4500, 41.2700,
-32.0900

■ 149.4500, 41.2700,
-32.0900

■ 255.0000, -0.0000,
-0.0000

■ 122.2820, 41.6830,
-34.0690

■ 204.5320, 43.9750,
-31.5530

■ 97.1830, 37.6480,
-32.5280

■ 233.0050, 44.0210,
-32.3870

■ 75.3210, 28.7520,
-25.4880

■ 243.7140, 31.7790,
-30.7890

■ 54.0460, 19.5810,
-18.9710

■ 246.9060, 22.7910,
-22.0810

■ 33.3580, 10.1350,
-12.9770

■ 250.2120, 13.4820,
-13.0620

■ 12.0390, -4.9040,
-10.2480

■ 253.4040, 4.4940,

■ 0.0000, 0.0000,

-4.3540

0.0000

■ 149.4500, 41.2700,
-32.0900

■ 149.4500, 41.2700,
-32.0900

■ 146.9250, 47.0020,
-36.8540

■ 151.9750, 35.5380,
-27.3260

■ 143.8130, 53.0090,
-41.0950

■ 155.0870, 29.5310,
-23.0850

■ 141.5160, 58.0990,
-45.2370

■ 157.6120, 23.7990,
-18.3210

■ 160.7240, 17.7920,
-14.0800

■ 163.2490, 12.0600,
-9.3160

■ 165.6600, 6.6490,
-4.8630

■ 168.7720, 0.6420,
-0.6220

■ 171.2970, -5.0900,
4.1420

■ 174.4090,
-11.0970, 8.3830

Harmonies

Analogous

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



152.8810, 68.6380, -10.4500



149.4500, 41.2700, -32.0900



143.7850, -2.5140, -42.5620

Triad

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



149.4500, 41.2700, -32.0900



130.0390, -119.5240, -25.5080



159.4510, 42.9520, 47.5920

Complementary

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



149.4500, 41.2700, -32.0900



68.5500, -41.2700, 32.0900

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.



160.4420, -5.5550, 40.1170



149.4500, 41.2700, -32.0900



128.8770, -127.2750, -11.6830

Square

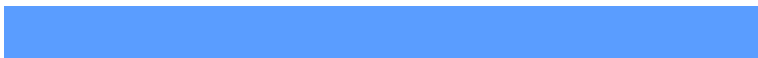
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



149.4500, 41.2700, -32.0900



125.7410, -104.6660, -41.4820



148.1390, -71.3900, 16.2740



155.7960, 72.2970, 38.8970

Rectangle

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



149.4500, 41.2700, -32.0900



134.4780, -44.1900, -47.1820



148.1390, -71.3900, 16.2740



160.9100, 28.4180, 46.6740

Sweetspot

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



149.4500, 41.2700, -32.0900



211.4080, 15.8660, -12.2140



86.0200, 68.3100, 28.5500



105.0470, 9.8130, -7.1390



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.



149.4500, 41.2700, -32.0900



188.9910, 63.8310, -50.0010



140.3700, 8.7200, -47.9200



82.5010, 2.8430, -1.9650



124.0840, 50.8080, -39.7520



17.1330, 6.6950, -5.6970

Inverse Universe

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



68.5500, -41.2700, 32.0900



63.0090, -63.8310, 50.0010



77.6300, -8.7200, 47.9200



76.9120, -2.5680, 2.4880



23.9160, -50.8080, 39.7520



3.4540, -6.9700, 5.1740

Previews

White Background



This preview shows how the YIQ color 149.4500, 41.2700, -32.0900 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 149.4500, 41.2700, -32.0900 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 149.4500, 41.2700, -32.0900

Background



This preview shows how black text looks on a background with the YIQ color 149.4500, 41.2700, -32.0900.



This preview shows how white text looks on a background with the YIQ color 149.4500, 41.2700,

-32.0900.

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

149.4500, 41.2700, -32.0900

Protanopia

149.9560, 45.7170, -30.0830

Deuteranopia

152.1090, 58.8280, -19.8920



Tritanopia

158.9250, 13.7530, 9.5690

Trichromacy



Original Color

149.4500, 41.2700, -32.0900

Protanomaly

149.9450, 44.2500, -31.0300

Deuteranomaly

151.3530, 52.0890, -24.4150

Tritanomaly

155.8160, 23.7050, -5.5990

Monochromacy



Original Color

149.4500, 41.2700, -32.0900

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.3370, 14.6280, -11.8040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4500, 41.2700, -32.0900 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(169, 159, 49)` looks like.

```
.text, #text, p{  
    color:rgb(169, 159, 49)  
}
```

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(169, 159, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 159, 49) }
```

Border

The CSS property to change the border of an element to YIQ 149.4500, 41.2700, -32.0900 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(169, 159, 49) }
```


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

```
.border{ border-color:rgb(169, 159, 49) }
```

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

Here you see how a box with a 4 pixel rgb(169, 159, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 159, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 159, 49);  
box-shadow:4px 4px 4px 4px rgb(169, 159,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4500, 41.2700, -32.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 159, 49) }
```

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

```
.background{ background-color: rgb(169,  
159, 49) }
```

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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