

Converting Colors

YIQ(149.1170, 29.9870, -9.3170)

Have a look what the booklet for
YIQ(149.1170, 29.9870, -9.3170)
contains.

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Color

**YIQ(149.1170, 29.9870,
-9.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9364
RGB	172, 147, 100
RGB Percent	67%, 58%, 39%
CMY	0.3255, 0.4236, 0.6077
CMYK	0.00, 0.15, 0.42, 0.33
HSL	39°, 30%, 53%
HSV	39°, 42%, 67%
XYZ	29.7492, 30.5565, 16.3967
YIQ	149.1170, 29.9870, -9.3170

Conversions

Conversions Part 2

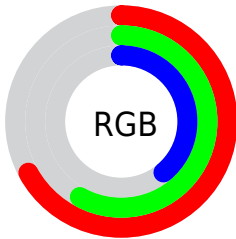
Format	Color
RYB	138, 172, 100
Decimal	11309924
CIELab	62.13, 2.71, 28.30
CIELCh	62, 28.434, 84.536
Yxy	30.5565, 0.3879, 0.3984
Android (android.graphics.Color)	4289500004 (0xFFAC9364)
YUV	149.1170, -24.2147, 20.0684
Hunter-Lab	55.2780, -0.6723, 21.1078

Details

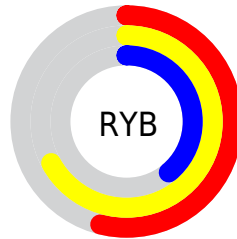
The YIQ color **149.1170, 29.9870, -9.3170** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **122.8830, -29.9870, 9.3170**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.6720, 32.7380, -9.6140**, and **98.1490, 26.9610, -9.5430** is the 20% darker color. If you saturate the color by 10%, you get **143.6570, 37.0940, -11.4660**, and if you desaturate by 10%, it is **154.5770, 22.8800, -7.1680**.

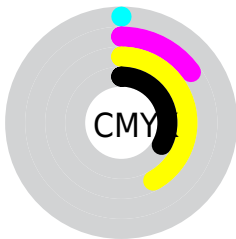
Distribution



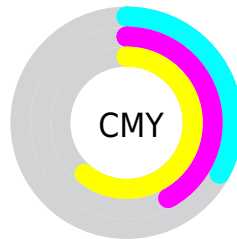
- Red (67%)
- Green (58%)
- Blue (39%)



- Red (54%)
- Yellow (67%)
- Blue (39%)



- Cyan (0%)
- Magenta (15%)
- Yellow (42%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.1170, 29.9870, -9.3170 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 149.1170, 29.9870, -9.3170 by changing the saturation by 10% instead.

■ 149.1170, 29.9870,
-9.3170

■ 149.1170, 29.9870,
-9.3170

■ 255.0000, -0.0000,
-0.0000

■ 123.0460, 28.7490,
-8.9070

■ 203.6720, 32.7380,
-9.6140

■ 98.1490, 26.9610,
-9.5430

■ 230.9600, 31.8670,
-10.3490

■ 73.7790, 25.1270,
-9.3450

■ 249.4140, 15.7290,
-15.2390

■ 50.7680, 23.6600,
-10.2920

■ 252.6060, 6.7410,
-6.5310

■ 30.7660, 17.9740,
-6.3620

■ 8.0180, 8.7570,
0.9890

■ 0.0000, 0.0000,

0.0000

■ 149.1170, 29.9870,
-9.3170

■ 149.1170, 29.9870,
-9.3170

■ 143.6570, 37.0940,
-11.4660

■ 154.5770, 22.8800,
-7.1680

■ 138.1970, 44.2010,
-13.6150

■ 160.0370, 15.7730,
-5.0190

■ 132.6230, 51.6290,
-16.0750

■ 165.6110, 8.3450,
-2.5590

■ 127.1630, 58.7360,
-18.2240

■ 171.0710, 1.2380,
-0.4100

■ 121.7030, 65.8430,
-20.3730

■ 176.5310, -5.8690,
1.7390

■ 117.1720, 71.7120,
-22.1120

■ 181.9910,
-12.9760, 3.8880

■ 187.4510,
-20.0830, 6.0370

■ 193.0250,
-27.5110, 8.4970

■ 198.4850,
-34.6180, 10.6460

Harmonies

Analogous

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



151.2420, 40.3010, 2.0050



149.1170, 29.9870, -9.3170



146.4950, 11.0070, -17.7690

Triad

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



149.1170, 29.9870, -9.3170



135.9800, -59.1420, -18.4860



154.1610, 10.6330, 22.0650

Complementary

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



149.1170, 29.9870, -9.3170



122.8830, -29.9870, 9.3170

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.



151.4120, -15.1790, 16.2850



149.1170, 29.9870, -9.3170



138.3040, -59.6940, -8.4780

Square

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



149.1170, 29.9870, -9.3170



138.9960, -38.8760, -22.3320



146.0880, -40.9900, 4.9780



153.8720, 30.4400, 21.0320

Rectangle

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



149.1170, 29.9870, -9.3170



144.3020, -4.6270, -20.7790



146.0880, -40.9900, 4.9780



153.3280, 2.7930, 20.9770

Sweetspot

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



149.1170, 29.9870, -9.3170



214.8240, 12.0590, -3.7890



124.3780, 34.8870, 23.0390



106.4260, 7.4280, -2.4600



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



149.1170, 29.9870, -9.3170



188.3390, 46.6770, -14.4350



160.5030, 16.5560, -24.7240



84.2130, 3.7140, -1.2300



102.3760, 62.4500, -19.4540



15.6820, 9.5830, -2.9690

Inverse Universe

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



122.8830, -29.9870, 9.3170



147.6610, -46.6770, 14.4350



111.4970, -16.5560, 24.7240



80.7870, -3.7140, 1.2300



47.6240, -62.4500, 19.4540



7.3180, -9.5830, 2.9690

Previews

White Background



This preview shows how the YIQ color 149.1170, 29.9870, -9.3170 looks on a white background.

Color Contrast Check

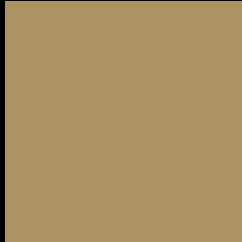
Large Text (above 18pt) WCAG AA × Fail

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 149.1170, 29.9870, -9.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

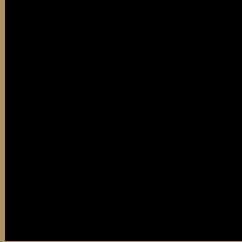
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.1170, 29.9870, -9.3170

Background



This preview shows how black text looks on a background with the YIQ color 149.1170, 29.9870, -9.3170.



This preview shows how white text looks on a background with the YIQ color 149.1170, 29.9870, -9.3170.

-9.3170.

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

149.1170, 29.9870, -9.3170

Protanopia

148.3010, 23.4770, -12.4830

Deuteranopia

149.8620, 35.2590, -5.7410



Tritanopia

152.3170, 18.5210, 11.2650

Trichromacy



Original Color

149.1170, 29.9870, -9.3170

Protanomaly

148.6110, 25.5400, -11.3240

Deuteranomaly

149.5520, 33.1960, -6.9000

Tritanomaly

151.3140, 22.6030, 3.3630

Monochromacy



Original Color

149.1170, 29.9870, -9.3170

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.7530, 10.8210, -3.3790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.1170, 29.9870, -9.3170 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(172, 147, 100)` looks like.

```
.text, #text, p{  
    color:rgb(172, 147, 100)  
}
```

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(172, 147, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 147, 100) }
```

Border

The CSS property to change the border of an element to YIQ 149.1170, 29.9870, -9.3170 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(172, 147, 100) }
```


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

```
.border{ border-color:rgb(172, 147, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 147, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 147, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 147, 100);  
box-shadow:4px 4px 4px 4px rgb(172, 147,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 149.1170, 29.9870, -9.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 147, 100) }
```

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

```
.background{ background-color: rgb(172,  
147, 100) }
```

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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