

Converting Colors

YIQ(149.1280, 31.4540, -8.3700)

Have a look what the booklet for
YIQ(149.1280, 31.4540, -8.3700)
contains.

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Color

**YIQ(149.1280, 31.4540,
-8.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9264
RGB	174, 146, 100
RGB Percent	68%, 57%, 39%
CMY	0.3176, 0.4275, 0.6077
CMYK	0.00, 0.16, 0.43, 0.32
HSL	37°, 31%, 54%
HSV	37°, 43%, 68%
XYZ	30.0370, 30.4748, 16.3661
YIQ	149.1280, 31.4540, -8.3700

Conversions

Conversions Part 2

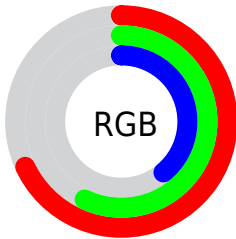
Format	Color
RYB	145, 174, 100
Decimal	11440740
CIELab	62.06, 4.10, 28.25
CIELCh	62, 28.546, 81.744
Yxy	30.4748, 0.3907, 0.3964
Android (android.graphics.Color)	4289630820 (0xFFAE9264)
YUV	149.1280, -24.2201, 21.8127
Hunter-Lab	55.2040, 0.5166, 21.0653

Details

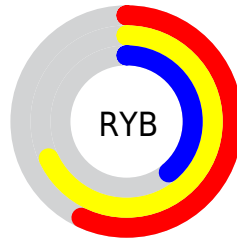
The YIQ color **149.1280, 31.4540, -8.3700** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **124.8720, -31.4540, 8.3700**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.6830, 34.2050, -8.6670**, and **98.1600, 28.4280, -8.5960** is the 20% darker color. If you saturate the color by 10%, you get **143.0810, 38.8360, -9.9960**, and if you desaturate by 10%, it is **155.1750, 24.0720, -6.7440**.

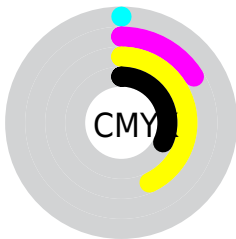
Distribution



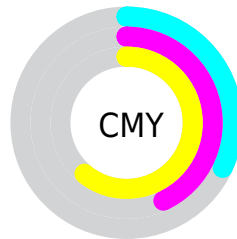
- Red (68%)
- Green (57%)
- Blue (39%)



- Red (57%)
- Yellow (68%)
- Blue (39%)



- Cyan (0%)
- Magenta (16%)
- Yellow (43%)
- Black (32%)





- Cyan (32%)
- Magenta (43%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.1280, 31.4540, -8.3700 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 149.1280, 31.4540, -8.3700 by changing the saturation by 10% instead.


 149.1280, 31.4540,
-8.3700


 149.1280, 31.4540,
-8.3700


255.0000, -0.0000,
-0.0000


 123.0570, 30.2160,
-7.9600


 203.6830, 34.2050,
-8.6670


 98.1600, 28.4280,
-8.5960


 230.3730, 32.1420,
-9.8260


 73.7900, 26.5940,
-8.3980

 249.4140, 15.7290,
-15.2390

 50.7790, 25.1270,
-9.3450

 252.6060, 6.7410,
-6.5310

 30.4780, 18.8450,
-5.6270

 8.3280, 10.8200,
2.1480

 0.0000, 0.0000,

0.0000

■ 149.1280, 31.4540,
-8.3700

■ 149.1280, 31.4540,
-8.3700

■ 143.0810, 38.8360,
-9.9960

■ 155.1750, 24.0720,
-6.7440

■ 137.5070, 46.2640,
-12.4560

■ 160.7490, 16.6440,
-4.2840

■ 131.4600, 53.6460,
-14.0820

■ 166.7960, 9.2620,
-2.6580

■ 125.8860, 61.0740,
-16.5420

■ 172.3700, 1.8340,
-0.1980

■ 119.8390, 68.4560,
-18.1680

■ 178.4170, -5.5480,
1.4280

■ 115.4220, 74.0040,
-19.5960

■ 184.4640,
-12.9300, 3.0540

■ 190.0380,
-20.3580, 5.5140

■ 196.0850,
-27.7400, 7.1400

■ 201.4310,
-34.5260, 8.9780

Harmonies

Analogous

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



151.3670, 41.4470, 3.2630



149.1280, 31.4540, -8.3700



146.5770, 13.7120, -17.2320

Triad

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



149.1280, 31.4540, -8.3700



135.7520, -58.5000, -19.1080



153.4920, 8.2030, 22.0510

Complementary

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



149.1280, 31.4540, -8.3700



124.8720, -31.4540, 8.3700

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.



151.2160, -17.5630, 15.4370



149.1280, 31.4540, -8.3700



137.8800, -61.4360, -9.9480

Square

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



149.1280, 31.4540, -8.3700



138.7790, -36.7670, -22.0070



145.4790, -43.6490, 3.6070



153.8010, 29.2020, 21.4420

Rectangle

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



149.1280, 31.4540, -8.3700



144.0850, -2.5180, -20.4540



145.4790, -43.6490, 3.6070



153.2460, 0.0880, 20.4400

Sweetspot

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



149.1280, 31.4540, -8.3700



217.1230, 12.6550, -3.5770



125.3180, 35.1160, 24.3960



108.7250, 8.0240, -2.2480



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.



149.1280, 31.4540, -8.3700



187.9480, 49.3360, -13.0640



162.8730, 18.3900, -24.9220



83.6260, 3.9890, -0.7070



99.4410, 63.8250, -16.8390



15.0950, 9.8580, -2.4460

Inverse Universe

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



124.8720, -31.4540, 8.3700



150.0520, -49.3360, 13.0640



111.1270, -18.3900, 24.9220



80.7870, -3.7140, 1.2300



50.5590, -63.8250, 16.8390



7.9050, -9.8580, 2.4460

Previews

White Background



This preview shows how the YIQ color 149.1280, 31.4540, -8.3700 looks on a white background.

Color Contrast Check

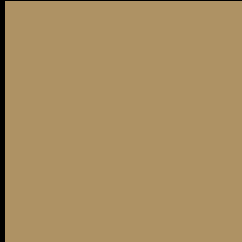
Large Text (above 18pt) WCAG AA × Fail

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 149.1280, 31.4540, -8.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

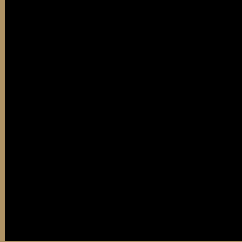
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.1280, 31.4540, -8.3700

Background



This preview shows how black text looks on a background with the YIQ color 149.1280, 31.4540, -8.3700.



This preview shows how white text looks on a background with the YIQ color 149.1280, 31.4540, -8.3700.

-8.3700.

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

149.1280, 31.4540, -8.3700

Protanopia

148.4150, 23.1560, -12.1720

Deuteranopia

149.8620, 35.2590, -5.7410



Tritanopia

152.8010, 20.0340, 11.3780

Trichromacy



Original Color

149.1280, 31.4540, -8.3700

Protanomaly

148.9100, 26.1360, -11.1120

Deuteranomaly

149.8510, 33.7920, -6.6880

Tritanomaly

151.3250, 24.0700, 4.3100

Monochromacy



Original Color

149.1280, 31.4540, -8.3700

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.0520, 11.4170, -3.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.1280, 31.4540, -8.3700 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(174, 146, 100)` looks like.

```
.text, #text, p{  
    color:rgb(174, 146, 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(174, 146, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 146, 100) }
```

Border

The CSS property to change the border of an element to YIQ 149.1280, 31.4540, -8.3700 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(174, 146, 100) }
```


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

```
.border{ border-color:rgb(174, 146, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 146, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 146, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 146, 100);  
box-shadow:4px 4px 4px 4px rgb(174, 146,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 149.1280, 31.4540, -8.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 146, 100) }
```

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

```
.background{ background-color: rgb(174,  
146, 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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