

Converting Colors

YIQ(148.7900, -18.1050,
-29.8250)

Have a look what the booklet for
YIQ(148.7900, -18.1050, -29.8250)
contains.

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Color

**YIQ(148.7900, -18.1050,
-29.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	71AD76
RGB	113, 173, 118
RGB Percent	44%, 68%, 46%
CMY	0.5570, 0.3215, 0.5373
CMYK	0.35, 0.00, 0.32, 0.32
HSL	125°, 27%, 56%
HSV	125°, 35%, 68%
XYZ	25.0222, 34.7123, 22.5186
YIQ	148.7900, -18.1050, -29.8250

Conversions

Conversions Part 2

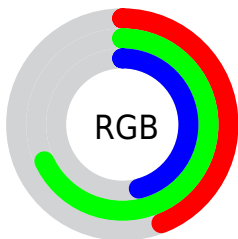
Format	Color
RYB	113, 168, 173
Decimal	7449974
CIELab	65.52, -30.94, 22.28
CIELCh	66, 38.132, 144.239
Yxy	34.7123, 0.3042, 0.4220
Android (android.graphics.Color)	4285640054 (0xFF71AD76)
YUV	148.7900, -15.1795, -31.3878
Hunter-Lab	58.9171, -27.2958, 18.5809

Details

The YIQ color **148.7900, -18.1050, -29.8250** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **137.2100, 18.1050, 29.8250**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.7360, -18.0130, -31.4930**, and **96.8440, -18.1970, -28.1570** is the 20% darker color. If you saturate the color by 10%, you get **141.8830, -23.1010, -38.4050**, and if you desaturate by 10%, it is **155.6970, -13.1090, -21.2450**.

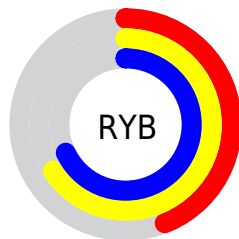
Distribution



Red (44%)

Green (68%)

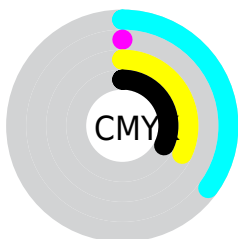
Blue (46%)



Red (44%)

Yellow (66%)

Blue (68%)

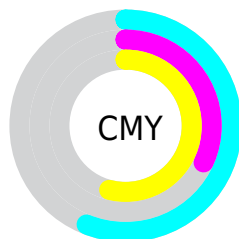


Cyan (35%)

Magenta (0%)

Yellow (32%)

Black (32%)



Cyan (56%)

Magenta (32%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.7900, -18.1050, -29.8250 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 148.7900, -18.1050, -29.8250 by changing the saturation by 10% instead.

■ 148.7900,
-18.1050, -29.8250

■ 148.7900,
-18.1050, -29.8250

■ 255.0000, -0.0000,
-0.0000

■ 122.3170,
-18.1510, -28.9910

■ 203.7360,
-18.0130, -31.4930

■ 96.8440, -18.1970,
-28.1570

■ 230.2630,
-18.0590, -30.6590

■ 71.7730, -19.4350,
-27.7470

■ 242.1260, -9.7630,
-15.8030

■ 45.6090, -24.8450,
-28.8210

■ 254.1030, -1.7880,
-0.6360

■ 28.1760, -13.2000,
-25.1040

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,

0.0000

■ 148.7900,
-18.1050, -29.8250

■ 148.7900,
-18.1050, -29.8250

■ 141.8830,
-23.1010, -38.4050

■ 155.6970,
-13.1090, -21.2450

■ 134.6770,
-28.6930, -47.1970

■ 162.9030, -7.5170,
-12.4530

■ 127.7700,
-33.6890, -55.7770

■ 169.8100, -2.5210,
-3.8730

■ 120.9770,
-39.0060, -64.0460

■ 176.6030, 2.7960,
4.3960

■ 113.7710,
-44.5980, -72.8380

■ 183.5100, 7.7920,
12.9760

■ 106.8640,
-49.5940, -81.4180

■ 190.7160, 13.3840,
21.7680

■ 103.2610,
-52.3900, -85.8140

■ 197.6230, 18.3800,
30.3480

■ 204.5300, 23.3760,
38.9280

■ 206.8660, 22.5500,
42.8860

Harmonies

Analogous

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



154.0190, 15.0430, -24.8370



148.7900, -18.1050, -29.8250



140.2490, -59.0020, -32.0420

Triad

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



148.7900, -18.1050, -29.8250



151.1380, -61.6220, 4.4420



161.0950, 54.5570, 18.9810

Complementary

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



148.7900, -18.1050, -29.8250



137.2100, 18.1050, 29.8250

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.



162.8890, 40.9380, 29.0180



148.7900, -18.1050, -29.8250



160.7520, -21.8280, 21.1480

Square

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



148.7900, -18.1050, -29.8250



128.3390, -111.5010, -22.2290



163.4700, 14.4370, 30.2210



159.5980, 53.9180, 3.0220

Rectangle

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



148.7900, -18.1050, -29.8250



127.4370, -97.6980, -35.6020



163.4700, 14.4370, 30.2210



161.1750, 51.5760, 23.4480

Sweetspot

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



148.7900, -18.1050, -29.8250



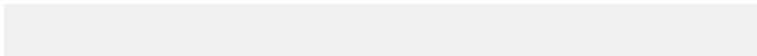
215.1420, -6.6920, -10.8840



164.6650, 16.2800, -19.7200



106.7450, -3.8960, -6.4880



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.



148.7900, -18.1050, -29.8250



186.0900, -28.4180, -46.6740



152.2100, -27.7350, -20.4950



83.3970, -2.7960, -4.3960



89.5320, -45.4230, -74.4070



13.7290, -6.9670, -11.4070

Inverse Universe

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



137.2100, 18.1050, 29.8250



167.9100, 28.4180, 46.6740



133.7900, 27.7350, 20.4950



81.6030, 2.7960, 4.3960



60.5820, 45.1020, 74.7180



9.2710, 6.9670, 11.4070

Previews

White Background



This preview shows how the YIQ color 148.7900, -18.1050, -29.8250 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 148.7900, -18.1050, -29.8250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

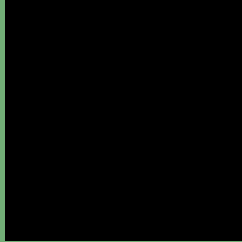
Any Text WCAG AA ✓ Pass

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 148.7900, -18.1050, -29.8250 Background



This preview shows how black text looks on a background with the YIQ color 148.7900, -18.1050, -29.8250.



This preview shows how white text looks on a background with the YIQ color 148.7900, -18.1050,

-29.8250.

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

148.7900, -18.1050, -29.8250

Protanopia

156.6430, 22.5140, -11.5500

Deuteranopia

158.8600, 29.5730, -1.8110



Tritanopia

154.6360, -28.3340, -4.1260

Trichromacy



Original Color

148.7900, -18.1050, -29.8250

Protanomaly

153.5270, 7.9810, -17.9950

Deuteranomaly

155.2550, 11.9230, -12.3410

Tritanomaly

152.6930, -24.4810, -13.3850

Monochromacy



Original Color

148.7900, -18.1050, -29.8250

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.1420, -6.6920, -10.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.7900, -18.1050, -29.8250 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(113, 173, 118)` looks like.

```
.text, #text, p{  
    color:rgb(113, 173, 118)  
}
```

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(113, 173, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 173, 118) }
```

Border

The CSS property to change the border of an element to YIQ 148.7900, -18.1050, -29.8250 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(113, 173, 118) }
```


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

```
.border{ border-color:rgb(113, 173, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 173, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 173, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 173, 118);  
box-shadow:4px 4px 4px 4px rgb(113, 173,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 148.7900, -18.1050, -29.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 173, 118) }
```

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

```
.background{ background-color: rgb(113,  
173, 118) }
```

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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