

Converting Colors

YIQ(148.1290, -3.5360, 31.0560)

Have a look what the booklet for
YIQ(148.1290, -3.5360, 31.0560)
contains.

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Color

**YIQ(148.1290, -3.5360,
31.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	A481CD
RGB	164, 129, 205
RGB Percent	64%, 51%, 80%
CMY	0.3567, 0.4942, 0.1961
CMYK	0.20, 0.37, 0.00, 0.20
HSL	268°, 43%, 65%
HSV	268°, 37%, 80%
XYZ	34.1823, 27.9996, 61.3487
YIQ	148.1290, -3.5360, 31.0560

Conversions

Conversions Part 2

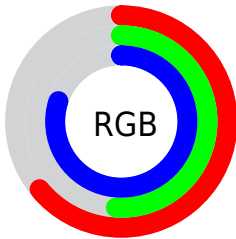
Format	Color
RYB	164, 129, 205
Decimal	10781133
CIELab	59.89, 28.46, -34.35
CIELCh	60, 44.608, 309.650
Yxy	27.9996, 0.2767, 0.2267
Android (android.graphics.Color)	4288971213 (0xFFA481CD)
YUV	148.1290, 28.0374, 13.9189
Hunter-Lab	52.9147, 22.7082, -31.6999

Details

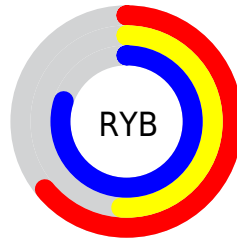
The YIQ color **148.1290, -3.5360, 31.0560** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **185.8710, 3.5360, -31.0560**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6840, -0.7850, 30.7590**, and **96.6620, -3.7190, 28.8650** is the 20% darker color. If you saturate the color by 10%, you get **132.5130, -4.3170, 39.7070**, and if you desaturate by 10%, it is **163.1580, -2.4800, 22.9280**.

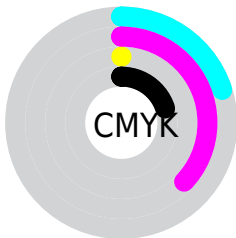
Distribution



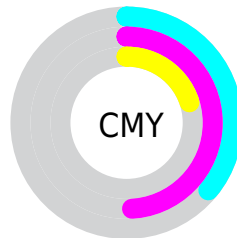
- Red (64%)
- Green (51%)
- Blue (80%)



- Red (64%)
- Yellow (51%)
- Blue (80%)



- Cyan (20%)
- Magenta (37%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.1290, -3.5360, 31.0560 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 148.1290, -3.5360, 31.0560 by changing the saturation by 10% instead.

148.1290, -3.5360,
31.0560

148.1290, -3.5360,
31.0560

255.0000, -0.0000,
-0.0000

122.1890, -3.7650,
29.6990

201.6840, -0.7850,
30.7590

96.6620, -3.7190,
28.8650

226.7910, 8.7990,
22.2630

72.4230, -4.5440,
27.2960

245.0210, 4.6750,
8.8910

48.5970, -5.0940,
26.2500

25.4720, -6.2400,
24.9920

11.3100, -5.9640,
19.9880

4.5940, -10.1800,

8.2840

0.0000, 0.0000,
0.0000

148.1290, -3.5360,
31.0560

148.1290, -3.5360,
31.0560

132.5130, -4.3170,
39.7070

163.1580, -2.4800,
22.9280

117.4840, -5.3730,
47.8350

178.7740, -1.6990,
14.2770

101.8680, -6.1540,
56.4860

193.8030, -0.6430,
6.1490

86.8390, -7.2100,
64.6140

209.4190, 0.1380,
-2.5020

71.2230, -7.9910,
73.2650

224.4480, 1.1940,
-10.6300

■ 56.1940, -9.0470,
81.3930

■ 240.0640, 1.9750,
-19.2810

■ 51.7750, -9.1850,
83.8950

■ 245.1140, 7.7060,
-18.5180

■ 248.4030, 14.2620,
-16.1860

■ 249.3000, 16.0500,
-15.5500

Harmonies

Analogous

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



140.0350, -50.6660, 15.1420



148.1290, -3.5360, 31.0560



147.8100, 34.1510, 36.3830

Triad

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



148.1290, -3.5360, 31.0560



142.8610, 54.1950, -7.5090



114.0520, -95.1760, -37.2560

Complementary

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



148.1290, -3.5360, 31.0560



185.8710, 3.5360, -31.0560

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.



124.7630, -49.0060, -36.9900



148.1290, -3.5360, 31.0560



139.3430, 31.6860, -23.5940

Square

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



148.1290, -3.5360, 31.0560



144.1850, 62.8110, 12.5630



134.7070, -1.8740, -32.1300



117.0960, -106.5030, -24.7030

Rectangle

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



148.1290, -3.5360, 31.0560



146.0860, 50.7490, 32.9330



134.7070, -1.8740, -32.1300



112.5700, -91.0030, -41.2990

Sweetspot

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



148.1290, -3.5360, 31.0560



234.0790, -1.2400, 11.4640



162.3180, -35.9460, 1.6700



115.3300, -0.6890, 6.9830



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



148.1290, -3.5360, 31.0560



171.3160, -4.9600, 45.8560



159.1920, 18.5160, 38.9000



94.6350, -0.2300, 4.1700



41.6480, -7.9900, 67.7380



9.7140, -1.4700, 15.6340

Inverse Universe

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



156.3980, 32.1350, 28.8630



183.3280, 47.4920, 42.4040



174.8080, -18.5160, -38.9000



95.5600, 4.3550, 3.6750



59.7800, 70.3670, 62.8710



13.7560, 15.9070, 14.5870

Previews

White Background



This preview shows how the YIQ color 148.1290, -3.5360, 31.0560 looks on a white background.

Color Contrast Check

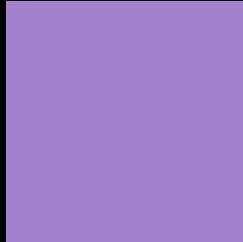
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.1290, -3.5360, 31.0560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

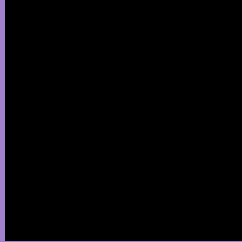
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.1290, -3.5360, 31.0560

Background



This preview shows how black text looks on a background with the YIQ color 148.1290, -3.5360, 31.0560.



This preview shows how white text looks on a background with the YIQ color 148.1290, -3.5360,

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

148.1290, -3.5360, 31.0560

Protanopia

143.5590, -37.4620, 18.1380

Deuteranopia

144.0450, -30.2630, 14.3210



Tritanopia

145.7390, 5.4090, 6.6010

Trichromacy



Original Color

148.1290, -3.5360, 31.0560

Protanomaly

144.9520, -25.2670, 22.9010

Deuteranomaly

145.7090, -20.2690, 20.4270

Tritanomaly

146.5680, 1.8770, 15.5490

Monochromacy



Original Color

148.1290, -3.5360, 31.0560

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.0790, -1.2400, 11.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.1290, -3.5360, 31.0560 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(164, 129, 205)` looks like.

```
.text, #text, p{  
    color:rgb(164, 129, 205)  
}
```

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(164, 129, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 129, 205) }
```

Border

The CSS property to change the border of an element to YIQ 148.1290, -3.5360, 31.0560 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(164, 129, 205) }
```


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

```
.border{ border-color:rgb(164, 129, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 129, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 129, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 129, 205);  
box-shadow:4px 4px 4px 4px rgb(164, 129,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 148.1290, -3.5360, 31.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 129, 205) }
```

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

```
.background{ background-color: rgb(164,  
129, 205) }
```

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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