

Converting Colors

YIQ(148.4170, 31.1240, 41.6840)

Have a look what the booklet for
YIQ(148.4170, 31.1240, 41.6840)
contains.

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Color

**YIQ(148.4170, 31.1240,
41.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	CC71B9
RGB	204, 113, 185
RGB Percent	80%, 44%, 73%
CMY	0.1997, 0.5570, 0.2744
CMYK	0.00, 0.45, 0.09, 0.20
HSL	313°, 47%, 62%
HSV	313°, 45%, 80%
XYZ	39.5798, 28.1521, 49.2563
YIQ	148.4170, 31.1240, 41.6840

Conversions

Conversions Part 2

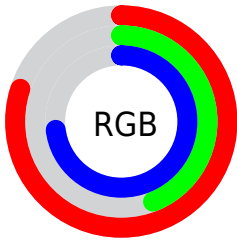
Format	Color
RYB	204, 113, 185
Decimal	13398457
CIELab	60.03, 45.68, -22.45
CIELCh	60, 50.900, 333.825
Yxy	28.1521, 0.3383, 0.2406
Android (android.graphics.Color)	4291588537 (0xFFCC71B9)
YUV	148.4170, 18.0354, 48.7463
Hunter-Lab	53.0585, 40.3023, -17.9003

Details

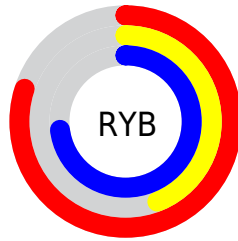
The YIQ color **148.4170, 31.1240, 41.6840** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **168.5830, -31.1240, -41.6840**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7480, 28.6940, 41.6700**, and **95.1070, 29.0610, 40.5250** is the 20% darker color. If you saturate the color by 10%, you get **136.2210, 37.9080, 50.9000**, and if you desaturate by 10%, it is **160.6130, 24.3400, 32.4680**.

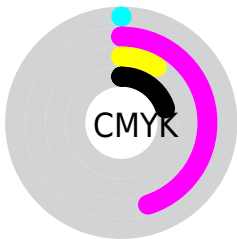
Distribution



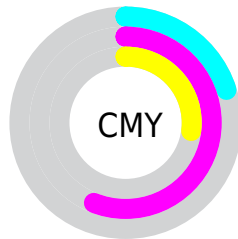
- Red (80%)
- Green (44%)
- Blue (73%)



- Red (80%)
- Yellow (44%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (9%)
- Black (20%)



- Cyan (20%)
- Magenta (56%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.4170, 31.1240, 41.6840 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 148.4170, 31.1240, 41.6840 by changing the saturation by 10% instead.

■ 148.4170, 31.1240,
41.6840

■ 148.4170, 31.1240,
41.6840

255.0000, -0.0000,
-0.0000

■ 121.7050, 30.2530,
40.9490

■ 201.7480, 28.6940,
41.6700

■ 95.1070, 29.0610,
40.5250

■ 219.7800, 16.5000,
31.3800

■ 68.2210, 28.7400,
40.8360

■ 236.2160, 8.8000,
16.7360

■ 37.4540, 29.7020,
45.4300

253.8260, 0.5500,
1.0460

■ 27.3570, 22.1850,
32.9770

■ 18.2710, 16.1350,
21.4710

■ 1.7810, -3.5770,

4.2550

■ 0.0000, 0.0000,
0.0000

■ 148.4170, 31.1240,
41.6840

■ 148.4170, 31.1240,
41.6840

■ 136.2210, 37.9080,
50.9000

■ 160.6130, 24.3400,
32.4680

■ 123.3240, 45.2880,
60.3280

■ 173.5100, 16.9600,
23.0400

■ 111.1280, 52.0720,
69.5440

■ 185.7060, 10.1760,
13.8240

■ 98.3450, 59.1310,
79.2830

■ 198.4890, 3.1170,
4.0850

■ 86.1490, 65.9150,
88.4990

■ 210.6850, -3.6670,
-5.1310

79.3500, 69.9030,
93.3190

222.9950,
-10.7720, -14.0360

235.1910,
-17.5560, -23.2520

235.6470,
-18.8400, -22.0080

236.1030,
-20.1240, -20.7640

Harmonies

Analogous

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



147.6210, -13.6690, 32.9790



148.4170, 31.1240, 41.6840



145.2830, 60.5600, 36.8480

Triad

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



148.4170, 31.1240, 41.6840



139.2640, 42.0940, -24.9940



119.4440, -107.6030, -26.7950

Complementary

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



148.4170, 31.1240, 41.6840



168.5830, -31.1240, -41.6840

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.



115.0150, -93.7540, -41.0020



148.4170, 31.1240, 41.6840



134.3780, 6.2420, -36.0460

Square

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



148.4170, 31.1240, 41.6840



142.4170, 64.3730, -4.7390



123.2590, -47.7670, -42.9270



119.4560, -115.9040, -14.0160

Rectangle

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



148.4170, 31.1240, 41.6840



143.9230, 69.9610, 26.1610



123.2590, -47.7670, -42.9270



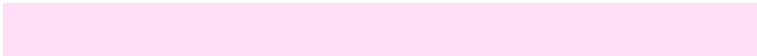
118.5490, -103.7050, -31.3610

Sweetspot

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



148.4170, 31.1240, 41.6840



234.8310, 11.3220, 15.0820



128.7560, -18.4830, 32.1170



115.1030, 7.3800, 9.4280



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.



148.4170, 31.1240, 41.6840



170.6880, 47.2590, 63.1550



143.2870, 45.5690, 27.6890



95.9020, 3.3920, 4.6080



64.5680, 56.8850, 75.9330



14.7820, 13.0180, 17.3860

Inverse Universe

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



148.4170, 31.1240, 41.6840



170.6880, 47.2590, 63.1550



173.7130, -45.5690, -27.6890



95.9020, 3.3920, 4.6080



64.5680, 56.8850, 75.9330



14.7820, 13.0180, 17.3860

Previews

White Background



This preview shows how the YIQ color 148.4170, 31.1240, 41.6840 looks on a white background.

Color Contrast Check

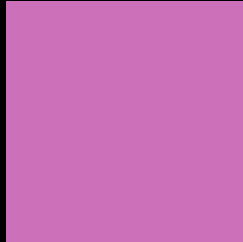
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.4170, 31.1240, 41.6840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

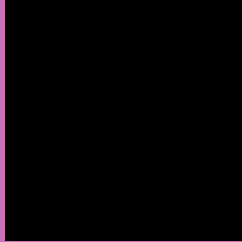
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.4170, 31.1240, 41.6840

Background



This preview shows how black text looks on a background with the YIQ color 148.4170, 31.1240, 41.6840.



This preview shows how white text looks on a background with the YIQ color 148.4170, 31.1240,

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

148.4170, 31.1240, 41.6840

Protanopia

145.0280, -31.5930, 16.3990

Deuteranopia

146.0330, -12.7940, 11.6060



Tritanopia

147.1520, 41.2150, 18.4870

Trichromacy



Original Color

148.4170, 31.1240, 41.6840



Protanomaly

146.3300, -8.7160, 25.8120



Deuteranomaly

146.6810, 3.2970, 22.8570



Tritanomaly

147.5680, 37.4080, 26.9120

Monochromacy



Original Color

148.4170, 31.1240, 41.6840



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

147.8310, 11.3220, 15.0820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.4170, 31.1240, 41.6840 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(204, 113, 185)` looks like.

```
.text, #text, p{  
    color:rgb(204, 113, 185)  
}
```

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(204, 113, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 113, 185) }
```

Border

The CSS property to change the border of an element to YIQ 148.4170, 31.1240, 41.6840 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(204, 113, 185) }
```


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

```
.border{ border-color:rgb(204, 113, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 113, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 113, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 113, 185);  
box-shadow:4px 4px 4px 4px rgb(204, 113,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 148.4170, 31.1240, 41.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 113, 185) }
```

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

```
.background{ background-color: rgb(204,  
113, 185) }
```

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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