

Converting Colors

YIQ(104.8130, 57.5730, 74.4770)

Have a look what the booklet for
YIQ(104.8130, 57.5730, 74.4770)
contains.

YIQ(104.8130, 57.5730, 74.4770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(104.8130, 57.5730,
74.4770)**

Conversions

Conversions Part 1

Format	Color
Hex	CE29A8
RGB	206, 41, 168
RGB Percent	81%, 16%, 66%
CMY	0.1917, 0.8394, 0.3410
CMYK	0.00, 0.80, 0.18, 0.19
HSL	314°, 67%, 48%
HSV	314°, 80%, 81%
XYZ	33.3485, 17.5485, 38.6915
YIQ	104.8130, 57.5730, 74.4770

Conversions

Conversions Part 2

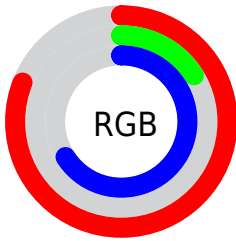
Format	Color
R _Y B	206, 41, 168
Decimal	13511080
CIE Lab	48.94, 72.72, -29.69
CIE LCh	49, 78.550, 337.793
Yxy	17.5485, 0.3722, 0.1959
Android (android.graphics.Color)	4291701160 (0xFFCE29A8)
YUV	104.8130, 31.1512, 88.7410
Hunter-Lab	41.8910, 68.7910, -25.4380

Details

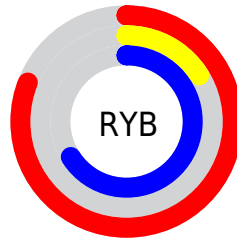
The YIQ color **104.8130, 57.5730, 74.4770** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **142.1870, -57.5730, -74.4770**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **164.0030, 50.9260, 68.2860**, and **57.1770, 50.3760, 67.2400** is the 20% darker color. If you saturate the color by 10%, you get **91.9160, 64.9530, 83.9050**, and if you desaturate by 10%, it is **117.7100, 50.1930, 65.0490**.

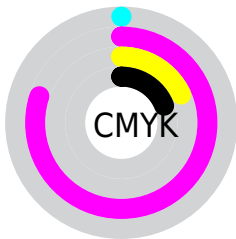
Distribution



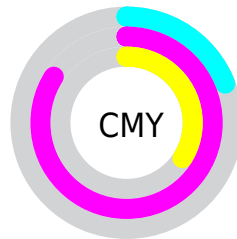
- Red (81%)
- Green (16%)
- Blue (66%)



- Red (81%)
- Yellow (16%)
- Blue (66%)



- Cyan (0%)
- Magenta (80%)
- Yellow (18%)
- Black (19%)





- Cyan (19%)
- Magenta (84%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.8130, 57.5730, 74.4770 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 104.8130, 57.5730, 74.4770 by changing the saturation by 10% instead.


 104.8130, 57.5730,
74.4770


 104.8130, 57.5730,
74.4770


255.0000, -0.0000,
-0.0000


 68.6980, 59.6350,
81.1630


 164.0030, 50.9260,
68.2860


 57.1770, 50.3760,
67.2400


 184.8050, 33.6880,
61.3040

 45.9550, 41.7130,
53.5290


 202.1700, 24.7500,
47.0700

 34.5480, 32.1330,
39.9170

 219.1930, 16.7750,
31.9030

 24.1520, 24.0200,
27.2520

 236.8030, 8.5250,
16.2130

 12.6740, 13.2020,
14.0500

254.4130, 0.2750,

 0.0000, 0.0000,

0.5230

0.0000

■ 104.8130, 57.5730,
74.4770

■ 104.8130, 57.5730,
74.4770

■ 91.9160, 64.9530,
83.9050

■ 117.7100, 50.1930,
65.0490

■ 79.7200, 71.7370,
93.1210

■ 130.0200, 43.0880,
56.1440

■ 142.8030, 36.0290,
46.4050

■ 155.1130, 28.9240,
37.5000

■ 168.0100, 21.5440,
28.0720

■ 180.9070, 14.1640,
18.6440

■ 193.1030, 7.3800,
9.4280

■ 206.0000, -0.0000,
0.0000

■ 218.3100, -7.1050,
-8.9050

Harmonies

Analogous

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



118.0300, -15.5980, 51.4260



104.8130, 57.5730, 74.4770



80.3980, 104.3380, 80.4820

Triad

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



104.8130, 57.5730, 74.4770



107.5270, 42.3710, -35.5250



106.3990, -102.5620, -13.5220

Complementary

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



104.8130, 57.5730, 74.4770



142.1870, -57.5730, -74.4770

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.



99.6900, -82.2930, -33.9490



104.8130, 57.5730, 74.4770



92.7110, -8.8380, -60.1180

Square

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



104.8130, 57.5730, 74.4770



108.9980, 81.4300, -11.0020



89.8350, -58.6770, -54.4610



107.8930, -115.0360, 3.3000

Rectangle

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



104.8130, 57.5730, 74.4770



95.1330, 105.2610, 47.2210



89.8350, -58.6770, -54.4610



104.7060, -96.4170, -20.2650

Sweetspot

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



104.8130, 57.5730, 74.4770



217.5970, 21.2690, 27.5490



70.5740, -31.5090, 58.9470



105.2550, 13.0640, 16.5520



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.



104.8130, 57.5730, 74.4770



104.8010, 85.3510, 110.7190



95.6930, 83.2530, 49.5970



95.9020, 3.3920, 4.6080



64.2260, 57.8480, 75.0000



14.6680, 13.3390, 17.0750

Inverse Universe

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



104.8130, 57.5730, 74.4770



104.8010, 85.3510, 110.7190



151.3070, -83.2530, -49.5970



95.9020, 3.3920, 4.6080



64.2260, 57.8480, 75.0000



14.6680, 13.3390, 17.0750

Previews

White Background



This preview shows how the YIQ color 104.8130, 57.5730, 74.4770 looks on a white background.

Color Contrast Check

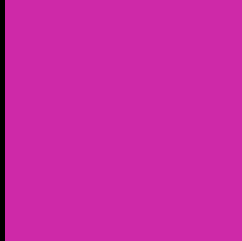
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 104.8130, 57.5730, 74.4770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

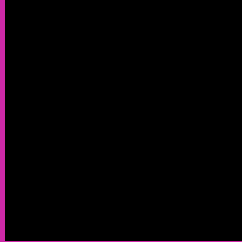
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 104.8130, 57.5730, 74.4770

Background



This preview shows how black text looks on a background with the YIQ color 104.8130, 57.5730, 74.4770.



This preview shows how white text looks on a background with the YIQ color 104.8130, 57.5730,

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

104.8130, 57.5730, 74.4770

Protanopia

107.4580, -73.5460, 22.3100

Deuteranopia

116.9120, -19.7630, 11.2530



Tritanopia

111.6460, 72.2990, 27.8430

Trichromacy



Original Color

104.8130, 57.5730, 74.4770



Protanomaly

106.5460, -26.2790, 41.2490



Deuteranomaly

112.5820, 8.4300, 34.4620



Tritanomaly

109.1470, 67.1150, 44.7070

Monochromacy



Original Color

104.8130, 57.5730, 74.4770



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

105.1840, 20.9940, 27.0260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.8130, 57.5730, 74.4770 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(206, 41, 168)` looks like.

```
.text, #text, p{  
    color:rgb(206, 41, 168)  
}
```

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(206, 41, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 41, 168) }
```

Border

The CSS property to change the border of an element to YIQ 104.8130, 57.5730, 74.4770 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(206, 41, 168) }
```


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

```
.border{ border-color:rgb(206, 41, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 41, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 41, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 41, 168);  
box-shadow:4px 4px 4px 4px rgb(206, 41,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 104.8130, 57.5730, 74.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 41, 168) }
```

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

```
.background{ background-color: rgb(206, 41,  
168) }
```

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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