

Converting Colors

YIQ(150.8770, 24.0170, 43.8330)

Have a look what the booklet for
YIQ(150.8770, 24.0170, 43.8330)
contains.

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Color

**YIQ(150.8770, 24.0170,
43.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	C974C7
RGB	201, 116, 199
RGB Percent	79%, 45%, 78%
CMY	0.2115, 0.5452, 0.2196
CMYK	0.00, 0.42, 0.01, 0.21
HSL	301°, 44%, 62%
HSV	301°, 42%, 79%
XYZ	40.6558, 29.0330, 57.4988
YIQ	150.8770, 24.0170, 43.8330

Conversions

Conversions Part 2

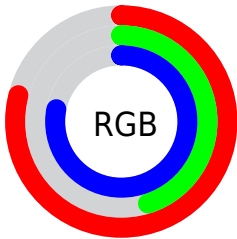
Format	Color
RYB	201, 116, 199
Decimal	13202631
CIELab	60.81, 45.65, -29.23
CIElCh	61, 54.204, 327.373
Yxy	29.0330, 0.3197, 0.2283
Android (android.graphics.Color)	4291392711 (0xFFC974C7)
YUV	150.8770, 23.7246, 43.9579
Hunter-Lab	53.8823, 40.3898, -25.5519

Details

The YIQ color **150.8770, 24.0170, 43.8330** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **166.1230, -24.0170, -43.8330**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1050, 23.3750, 44.4550**, and **97.4530, 22.2750, 42.3630** is the 20% darker color. If you saturate the color by 10%, you get **139.1370, 29.5170, 54.2930**, and if you desaturate by 10%, it is **162.6170, 18.5170, 33.3730**.

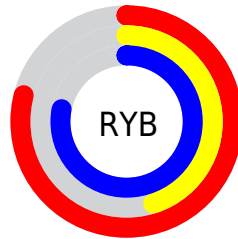
Distribution



Red (79%)

Green (45%)

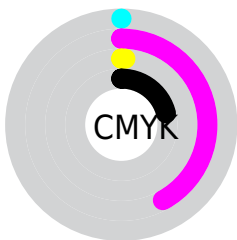
Blue (78%)



Red (79%)

Yellow (45%)

Blue (78%)

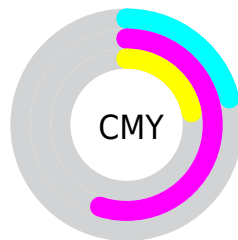


Cyan (0%)

Magenta (42%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (55%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.8770, 24.0170, 43.8330 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 150.8770, 24.0170, 43.8330 by changing the saturation by 10% instead.

150.8770, 24.0170,
43.8330

150.8770, 24.0170,
43.8330

255.0000, -0.0000,
-0.0000

124.1650, 23.1460,
43.0980

205.1050, 23.3750,
44.4550

97.4530, 22.2750,
42.3630

221.5410, 15.6750,
29.8110

71.1540, 21.6790,
42.1510

238.5640, 7.7000,
14.6440

41.1590, 23.2830,
46.1230

27.7140, 16.8660,
35.7620

18.8130, 11.7330,
24.1570

2.8500, -8.0250,

7.7750

■ 0.0000, 0.0000,
0.0000

■ 150.8770, 24.0170,
43.8330

■ 150.8770, 24.0170,
43.8330

■ 139.1370, 29.5170,
54.2930

■ 162.6170, 18.5170,
33.3730

■ 127.2830, 35.3380,
64.4420

■ 174.4710, 12.6960,
23.2240

■ 115.5430, 40.8380,
74.9020

■ 186.2110, 7.1960,
12.7640

■ 103.6890, 46.6590,
85.0510

■ 198.0650, 1.3750,
2.6150

■ 91.3620, 52.4340,
96.0340

■ 210.3920, -4.4000,
-8.3680

■ 82.4430, 56.8800,
103.5680

■ 222.2460,
-10.2210, -18.5170

■ 232.8120,
-15.1710, -27.9310

■ 232.9260,
-15.4920, -27.6200

Harmonies

Analogous

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



148.4390, -27.8360, 30.9160



150.8770, 24.0170, 43.8330



147.5590, 59.9630, 42.1630

Triad

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



150.8770, 24.0170, 43.8330



141.5810, 51.4470, -23.7930



121.3360, -107.4190, -30.1310

Complementary

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



150.8770, 24.0170, 43.8330



166.1230, -24.0170, -43.8330

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.



115.8640, -92.0110, -45.0590



150.8770, 24.0170, 43.8330



137.1140, 15.7330, -37.3470

Square

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



150.8770, 24.0170, 43.8330



144.5860, 71.3870, 0.3070



127.4790, -36.7630, -44.1150



122.7330, -118.2420, -15.6980

Rectangle

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



150.8770, 24.0170, 43.8330



145.6940, 72.3440, 32.5360



127.4790, -36.7630, -44.1150



119.6260, -102.6040, -34.7960

Sweetspot

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



150.8770, 24.0170, 43.8330



235.5150, 9.3960, 16.9480



125.9890, -26.6890, 26.6470



115.5590, 6.0960, 10.6720



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.



150.8770, 24.0170, 43.8330



178.3480, 36.7130, 67.0570



146.0890, 37.4990, 30.7710



93.7170, 2.4750, 4.7070



66.8630, 46.1090, 84.0050



14.7540, 10.2210, 18.5170

Inverse Universe

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



150.8770, 24.0170, 43.8330



178.3480, 36.7130, 67.0570



170.9110, -37.4990, -30.7710



93.7170, 2.4750, 4.7070



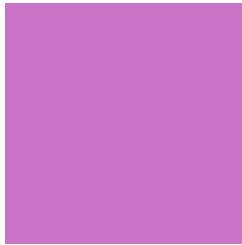
66.8630, 46.1090, 84.0050



14.7540, 10.2210, 18.5170

Previews

White Background



This preview shows how the YIQ color 150.8770, 24.0170, 43.8330 looks on a white background.

Color Contrast Check

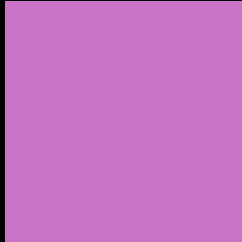
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.8770, 24.0170, 43.8330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

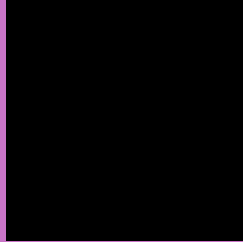
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 150.8770, 24.0170, 43.8330

Background



This preview shows how black text looks on a background with the YIQ color 150.8770, 24.0170, 43.8330.



This preview shows how white text looks on a background with the YIQ color 150.8770, 24.0170,

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

150.8770, 24.0170, 43.8330

Protanopia

146.3030, -39.6170, 18.6470

Deuteranopia

147.8950, -21.0930, 13.3310



Tritanopia

149.2760, 34.9340, 16.6780

Trichromacy



Original Color

150.8770, 24.0170, 43.8330



Protanomaly

147.6050, -16.7400, 28.0600



Deuteranomaly

148.8420, -4.4060, 24.7940



Tritanomaly

149.7460, 31.0350, 26.7710

Monochromacy



Original Color

150.8770, 24.0170, 43.8330



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

150.6890, 8.8460, 15.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.8770, 24.0170, 43.8330 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(201, 116, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 116, 199)  
}
```

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(201, 116, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 116, 199) }
```

Border

The CSS property to change the border of an element to YIQ 150.8770, 24.0170, 43.8330 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(201, 116, 199) }
```


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

```
.border{ border-color:rgb(201, 116, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 116, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 116, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 116, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 116,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 150.8770, 24.0170, 43.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 116, 199) }
```

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

```
.background{ background-color: rgb(201,  
116, 199) }
```

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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