

Converting Colors

YIQ(149.3970, 16.6810, 44.6250)

Have a look what the booklet for
YIQ(149.3970, 16.6810, 44.6250)
contains.

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Color

**YIQ(149.3970, 16.6810,
44.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	C174CF
RGB	193, 116, 207
RGB Percent	76%, 45%, 81%
CMY	0.2429, 0.5452, 0.1882
CMYK	0.07, 0.44, 0.00, 0.19
HSL	291°, 49%, 63%
HSV	291°, 44%, 81%
XYZ	39.5120, 28.3338, 62.4172
YIQ	149.3970, 16.6810, 44.6250

Conversions

Conversions Part 2

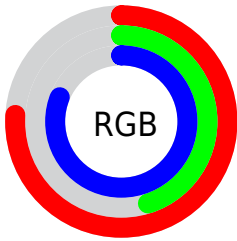
Format	Color
R_{YB}	193, 116, 207
Decimal	12678351
CIE _{Lab}	60.19, 44.76, -34.78
CIE _{LCh}	60, 56.687, 322.153
Yxy	28.3338, 0.3033, 0.2175
Android (android.graphics.Color)	4290868431 (0xFFC174CF)
YUV	149.3970, 28.3983, 38.2398
Hunter-Lab	53.2295, 39.3478, -32.2631

Details

The YIQ color **149.3970, 16.6810, 44.6250** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **173.6030, -16.6810, -44.6250**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9090, 20.9910, 43.6070**, and **96.1580, 15.8560, 43.0560** is the 20% darker color. If you saturate the color by 10%, you get **136.1730, 20.6680, 54.9720**, and if you desaturate by 10%, it is **162.6210, 12.6940, 34.2780**.

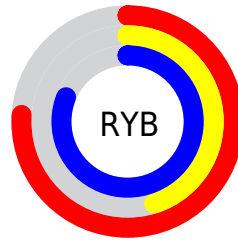
Distribution



Red (76%)

Green (45%)

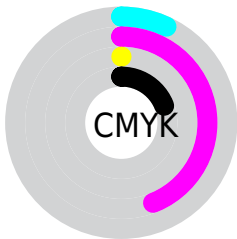
Blue (81%)



Red (76%)

Yellow (45%)

Blue (81%)

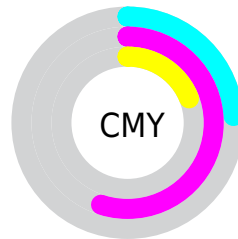


Cyan (7%)

Magenta (44%)

Yellow (0%)

Black (19%)



Cyan (24%)

Magenta (55%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.3970, 16.6810, 44.6250 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 149.3970, 16.6810, 44.6250 by changing the saturation by 10% instead.

■ 149.3970, 16.6810,
44.6250

■ 149.3970, 16.6810,
44.6250

255.0000, -0.0000,
-0.0000

■ 122.5710, 16.1310,
43.5790

■ 203.9090, 20.9910,
43.6070

■ 96.1580, 15.8560,
43.0560

■ 221.5410, 15.6750,
29.8110

■ 70.4460, 14.9850,
42.3210

■ 237.9770, 7.9750,
15.1670

■ 41.6250, 16.0390,
45.2470

■ 26.3050, 10.7680,
36.1440

■ 17.7030, 6.2310,
24.7510

■ 3.5340, -9.9510,

9.6410

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 149.3970, 16.6810,
44.6250

■ 149.3970, 16.6810,
44.6250

■ 136.1730, 20.6680,
54.9720

■ 162.6210, 12.6940,
34.2780

■ 123.5360, 24.3800,
64.7960

■ 175.2580, 8.9820,
24.4540

■ 110.3120, 28.3670,
75.1430

■ 188.7810, 5.5910,
14.3190

■ 96.7890, 31.7580,
85.2780

■ 202.0050, 1.6040,
3.9720

■ 83.5650, 35.7450,
95.6250

■ 214.6420, -2.1080,
-5.8520

■ 75.9230, 37.8530,
101.4770

■ 227.8660, -6.0950,
-16.1990

■ 237.5680, -8.4320,
-23.4080

■ 238.4650, -6.6440,
-22.7720

■ 239.6610, -4.2600,
-21.9240

Harmonies

Analogous

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



144.3280, -40.7650, 28.4430



149.3970, 16.6810, 44.6250



145.4110, 57.6240, 46.0080

Triad

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



149.3970, 16.6810, 44.6250



140.0550, 58.9200, -21.5600



119.8370, -104.5760, -32.0960

Complementary

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



149.3970, 16.6810, 44.6250



173.6030, -16.6810, -44.6250

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.



113.4360, -87.9300, -47.4340



149.3970, 16.6810, 44.6250



136.0780, 24.5820, -38.0260

Square

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



149.3970, 16.6810, 44.6250



142.0860, 75.9710, 5.3390



126.4430, -27.9140, -44.7940



122.2770, -116.9580, -16.9420

Rectangle

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



149.3970, 16.6810, 44.6250



143.1550, 72.6640, 37.7520



126.4430, -27.9140, -44.7940



118.0130, -99.4400, -37.0720

Sweetspot

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



149.3970, 16.6810, 44.6250



234.1340, 6.0950, 16.1990



135.1790, -33.3360, 20.4560



114.4770, 3.3910, 10.1350



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.



149.3970, 16.6810, 44.6250



169.4760, 24.6090, 66.1530



150.1630, 34.6550, 38.2630



97.9450, 1.8330, 5.3290



61.9090, 31.3000, 82.5640



15.1390, 7.6990, 20.1710

Inverse Universe

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



144.8050, 49.7420, 23.6460



162.7590, 73.7190, 35.1510



172.8370, -34.6550, -38.2630



97.5170, 5.9140, 2.9540



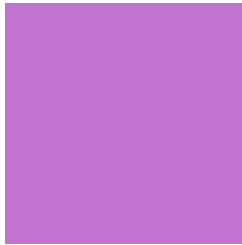
53.1960, 91.7820, 43.7020



12.9430, 22.5100, 10.5580

Previews

White Background



This preview shows how the YIQ color 149.3970, 16.6810, 44.6250 looks on a white background.

Color Contrast Check

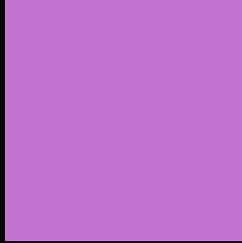
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.3970, 16.6810, 44.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

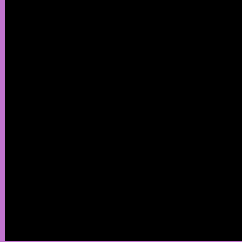
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.3970, 16.6810, 44.6250

Background



This preview shows how black text looks on a background with the YIQ color 149.3970, 16.6810, 44.6250.



This preview shows how white text looks on a background with the YIQ color 149.3970, 16.6810,

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

149.3970, 16.6810, 44.6250

Protanopia

143.8340, -45.4860, 20.3860

Deuteranopia

145.5290, -28.7500, 14.4340



Tritanopia

147.9870, 28.3780, 14.3460

Trichromacy



Original Color

149.3970, 16.6810, 44.6250

Protanomaly

145.7230, -22.8840, 29.2760

Deuteranomaly

147.0630, -12.3380, 25.3740

Tritanomaly

148.6850, 23.8370, 25.0610

Monochromacy



Original Color

149.3970, 16.6810, 44.6250

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.1340, 6.0950, 16.1990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.3970, 16.6810, 44.6250 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(193, 116, 207)` looks like.

```
.text, #text, p{  
    color:rgb(193, 116, 207)  
}
```

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(193, 116, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 116, 207) }
```

Border

The CSS property to change the border of an element to YIQ 149.3970, 16.6810, 44.6250 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(193, 116, 207) }
```


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

```
.border{ border-color:rgb(193, 116, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 116, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 116, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 116, 207);  
box-shadow:4px 4px 4px 4px rgb(193, 116,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 149.3970, 16.6810, 44.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 116, 207) }
```

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

```
.background{ background-color: rgb(193,  
116, 207) }
```

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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