

Converting Colors

YIQ(163.6840, 16.4100, 21.9940)

Have a look what the booklet for
YIQ(163.6840, 16.4100, 21.9940)
contains.

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Color

**YIQ(163.6840, 16.4100,
21.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	C191B7
RGB	193, 145, 183
RGB Percent	76%, 57%, 72%
CMY	0.2430, 0.4314, 0.2823
CMYK	0.00, 0.25, 0.05, 0.24
HSL	313°, 28%, 66%
HSV	313°, 25%, 76%
XYZ	40.6718, 35.0060, 49.4179
YIQ	163.6840, 16.4100, 21.9940

Conversions

Conversions Part 2

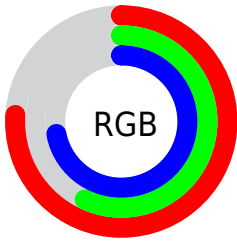
Format	Color
R_{YB}	193, 145, 183
Decimal	12685751
CIE _{Lab}	65.75, 24.40, -12.75
CIE _{LCh}	66, 27.524, 332.416
Yxy	35.0060, 0.3251, 0.2798
Android (android.graphics.Color)	4290875831 (0xFFC191B7)
YUV	163.6840, 9.5228, 25.7101
Hunter-Lab	59.1659, 19.1642, -8.1055

Details

The YIQ color **163.6840, 16.4100, 21.9940** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174.3160, -16.4100, -21.9940**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **218.8090, 17.5560, 23.2520**, and **111.5590, 15.2640, 20.7360** is the 20% darker color. If you saturate the color by 10%, you get **152.0750, 22.9190, 30.6870**, and if you desaturate by 10%, it is **175.2930, 9.9010, 13.3010**.

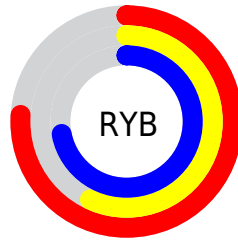
Distribution



Red (76%)

Green (57%)

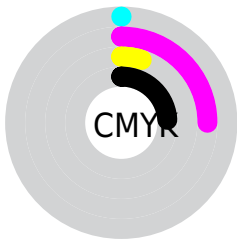
Blue (72%)



Red (76%)

Yellow (57%)

Blue (72%)

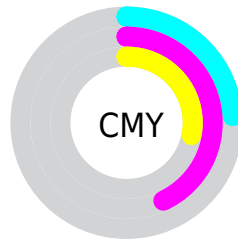


Cyan (0%)

Magenta (25%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (43%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.6840, 16.4100, 21.9940 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 163.6840, 16.4100, 21.9940 by changing the saturation by 10% instead.

■ 163.6840, 16.4100,
21.9940

■ 163.6840, 16.4100,
21.9940

255.0000, -0.0000,
-0.0000

■ 137.2710, 16.1350,
21.4710

■ 218.8090, 17.5560,
23.2520

■ 111.5590, 15.2640,
20.7360

■ 238.5640, 7.7000,
14.6440

■ 86.8470, 14.3930,
20.0010

■ 63.1350, 13.5220,
19.2660

■ 39.8360, 12.9260,
19.0540

■ 17.5370, 12.3300,
18.8420

■ 4.4720, 1.7870,

6.1630

■ 0.0000, 0.0000,
0.0000

■ 163.6840, 16.4100,
21.9940

■ 163.6840, 16.4100,
21.9940

■ 152.0750, 22.9190,
30.6870

■ 175.2930, 9.9010,
13.3010

■ 139.8790, 29.7030,
39.9030

■ 187.4890, 3.1170,
4.0850

■ 128.2700, 36.2120,
48.5960

■ 199.0980, -3.3920,
-4.6080

■ 116.6610, 42.7210,
57.2890

■ 210.7070, -9.9010,
-13.3010

■ 104.4650, 49.5050,
66.5050

■ 222.9030,
-16.6850, -22.5170

92.8560, 56.0140,
75.1980

230.9900,
-21.5440, -28.0720

81.2470, 62.5230,
83.8910

231.4460,
-22.8280, -26.8280

75.1490, 65.9150,
88.4990

231.9020,
-24.1120, -25.5840

232.3580,
-25.3960, -24.3400

Harmonies

Analogous

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



162.3590, -7.6600, 17.6840



163.6840, 16.4100, 21.9940



162.7860, 33.5580, 19.5900

Triad

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



163.6840, 16.4100, 21.9940



158.1980, 25.2650, -11.8470



147.1590, -58.0880, -15.5600

Complementary

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



163.6840, 16.4100, 21.9940



174.3160, -16.4100, -21.9940

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.



148.0110, -43.2320, -20.4800



163.6840, 16.4100, 21.9940



155.4450, 5.2760, -18.5320

Square

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



163.6840, 16.4100, 21.9940



159.9920, 38.0090, -0.5110



151.7610, -19.1610, -21.6970



150.7610, -53.5510, -4.1670

Rectangle

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



163.6840, 16.4100, 21.9940



162.0330, 39.9320, 14.2040



151.7610, -19.1610, -21.6970



146.6600, -55.2450, -17.5250

Sweetspot

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



163.6840, 16.4100, 21.9940



238.9780, 6.2340, 8.1700



153.4620, -9.4480, 17.0480



118.9020, 3.3920, 4.6080



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



163.6840, 16.4100, 21.9940



204.1510, 25.7610, 34.2490



160.9480, 24.1140, 14.5300



90.9020, 3.3920, 4.6080



62.6170, 55.1890, 73.6290



12.8310, 11.3220, 15.0820

Inverse Universe

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



163.6840, 16.4100, 21.9940



204.1510, 25.7610, 34.2490



177.0520, -24.1140, -14.5300



90.9020, 3.3920, 4.6080



62.6170, 55.1890, 73.6290



12.8310, 11.3220, 15.0820

Previews

White Background



This preview shows how the YIQ color 163.6840, 16.4100, 21.9940 looks on a white background.

Color Contrast Check

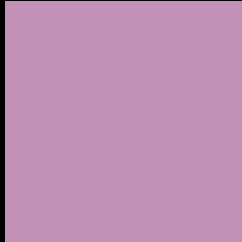
Large Text (above 18pt) WCAG AA × Fail

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 163.6840, 16.4100, 21.9940 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 ✓ Pass

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

YIQ 163.6840, 16.4100, 21.9940

Background



This preview shows how black text looks on a background with the YIQ color 163.6840, 16.4100, 21.9940.



This preview shows how white text looks on a background with the YIQ color 163.6840, 16.4100,

21.9940.

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

163.6840, 16.4100, 21.9940

Protanopia

160.9680, -14.1690, 8.9910

Deuteranopia

161.8400, -2.0650, 9.8950



Tritanopia

162.6270, 20.5840, 12.4240

Trichromacy



Original Color

163.6840, 16.4100, 21.9940

Protanomaly

162.1760, -2.8910, 13.8530

Deuteranomaly

162.5960, 4.6740, 14.4180

Tritanomaly

163.2510, 18.8870, 15.6470

Monochromacy



Original Color

163.6840, 16.4100, 21.9940

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.9780, 6.2340, 8.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.6840, 16.4100, 21.9940 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, 145, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 145, 183)  
}
```

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, 145, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 145, 183) }
```

Border

The CSS property to change the border of an element to YIQ 163.6840, 16.4100, 21.9940 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, 145, 183) }
```


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

```
.border{ border-color:rgb(193, 145, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 145, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 145, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 145, 183);  
box-shadow:4px 4px 4px 4px rgb(193, 145,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 163.6840, 16.4100, 21.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 145, 183) }
```

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

```
.background{ background-color: rgb(193,  
145, 183) }
```

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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