

Converting Colors

YIQ(169.1700, 6.4140, 26.9420)

Have a look what the booklet for
YIQ(169.1700, 6.4140, 26.9420)
contains.

YIQ(169.1700, 6.4140, 26.9420)	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(169.1700, 6.4140,
26.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	C096D0
RGB	192, 150, 208
RGB Percent	75%, 59%, 82%
CMY	0.2469, 0.4118, 0.1843
CMYK	0.08, 0.28, 0.00, 0.18
HSL	283°, 38%, 70%
HSV	283°, 28%, 82%
XYZ	44.0351, 37.5719, 64.6025
YIQ	169.1700, 6.4140, 26.9420

Conversions

Conversions Part 2

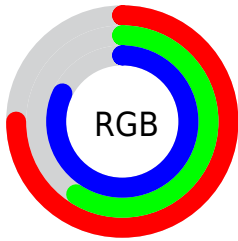
Format	Color
RYB	192, 150, 208
Decimal	12621520
CIELab	67.70, 26.10, -23.74
CIElCh	68, 35.282, 317.709
Yxy	37.5719, 0.3012, 0.2570
Android (android.graphics.Color)	4290811600 (0xFFC096D0)
YUV	169.1700, 19.1432, 20.0219
Hunter-Lab	61.2959, 20.9668, -19.5812

Details

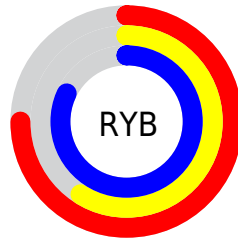
The YIQ color $169.1700, 6.4140, 26.9420$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $188.8300, -6.4140, -26.9420$, and the grayscale version is $169.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.8560, 10.1740, 24.8780$, and $116.8170, 5.9100, 25.0620$ is the 20% darker color. If you saturate the color by 10%, you get $155.0490, 8.6130, 36.6530$, and if you desaturate by 10%, it is $183.2910, 4.2150, 17.2310$.

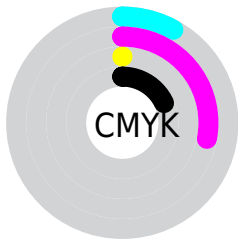
Distribution



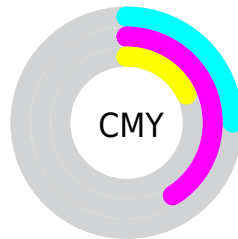
- Red (75%)
- Green (59%)
- Blue (82%)



- Red (75%)
- Yellow (59%)
- Blue (82%)



- Cyan (8%)
- Magenta (28%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.1700, 6.4140, 26.9420 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 169.1700, 6.4140, 26.9420 by changing the saturation by 10% instead.

169.1700, 6.4140,
26.9420

169.1700, 6.4140,
26.9420

255.0000, -0.0000,
-0.0000

142.6430, 6.4600,
26.1080

223.2690, 10.4490,
25.4010

116.8170, 5.9100,
25.0620

242.0860, 6.0500,
11.5060

91.4040, 5.6350,
24.5390

67.5780, 5.0850,
23.4930

44.7520, 4.5350,
22.4470

21.4530, 3.9390,
22.2350

8.8450, -0.4610,

13.8670

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 169.1700, 6.4140,
26.9420

■ 169.1700, 6.4140,
26.9420

■ 155.0490, 8.6130,
36.6530

■ 183.2910, 4.2150,
17.2310

■ 141.2270, 11.4080,
46.5760

■ 197.1130, 1.4200,
7.3080

■ 127.6930, 13.3320,
55.7640

■ 210.6470, -0.5040,
-1.8800

■ 113.5720, 15.5310,
65.4750

■ 224.7680, -2.7030,
-11.5910

99.4510, 17.7300,
75.1860

238.8890, -4.9020,
-21.3020

85.6290, 20.5250,
85.1090

240.9710, -2.1970,
-20.7650

71.5080, 22.7240,
94.8200

242.7650, 1.3790,
-19.4930

68.8610, 23.2280,
96.7000

244.5590, 4.9550,
-18.2210

246.3530, 8.5310,
-16.9490

Harmonies

Analogous

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



165.0070, -27.1000, 17.5720



169.1700, 6.4140, 26.9420



169.2410, 34.0150, 27.8310

Triad

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



169.1700, 6.4140, 26.9420



163.6900, 41.4950, -8.6250



142.9450, -78.3970, -27.4610

Complementary

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



169.1700, 6.4140, 26.9420



188.8300, -6.4140, -26.9420

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.



150.5560, -43.6890, -28.7210



169.1700, 6.4140, 26.9420



160.8780, 19.9940, -20.9500

Square

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



169.1700, 6.4140, 26.9420



165.9230, 51.6250, 6.0330



156.8620, -9.4400, -27.1680



143.4790, -88.3480, -17.8200

Rectangle

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



169.1700, 6.4140, 26.9420



168.0650, 46.0740, 24.0420



156.8620, -9.4400, -27.1680



145.2790, -67.7140, -28.3380

Sweetspot

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



169.1700, 6.4140, 26.9420



241.4660, 1.9240, 9.1880



166.0040, -23.0180, 9.6700



119.1730, 1.1910, 5.9510



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.



169.1700, 6.4140, 26.9420



198.8150, 9.3920, 39.0560



172.4720, 20.1230, 26.2910



97.6460, 1.2370, 5.1170



55.6300, 18.7840, 78.1120



13.6440, 4.7190, 19.1110

Inverse Universe

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



169.1660, 29.4320, 17.2720



198.7380, 42.6810, 24.9610



185.5280, -20.1230, -26.2910



97.6310, 5.5930, 3.2650



55.4760, 85.3620, 49.9220



13.5130, 20.9050, 12.1130

Previews

White Background



This preview shows how the YIQ color 169.1700, 6.4140, 26.9420 looks on a white background.

Color Contrast Check

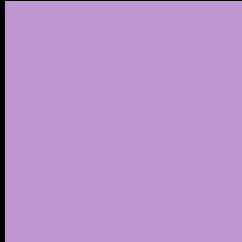
Large Text (above 18pt) WCAG AA × Fail

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 169.1700, 6.4140, 26.9420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

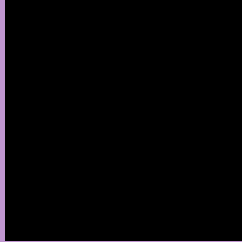
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.1700, 6.4140, 26.9420

Background



This preview shows how black text looks on a background with the YIQ color 169.1700, 6.4140, 26.9420.



This preview shows how white text looks on a background with the YIQ color 169.1700, 6.4140,

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

169.1700, 6.4140, 26.9420

Protanopia

165.3830, -25.4030, 14.3490

Deuteranopia

166.4180, -15.3160, 13.2600



Tritanopia

167.1530, 13.1110, 10.1910

Trichromacy



Original Color

169.1700, 6.4140, 26.9420

Protanomaly

166.4770, -13.8040, 18.9000

Deuteranomaly

167.7720, -7.3850, 18.2070

Tritanomaly

167.5860, 10.6340, 16.5380

Monochromacy



Original Color

169.1700, 6.4140, 26.9420

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

168.8790, 2.1990, 9.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.1700, 6.4140, 26.9420 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(192, 150, 208)` looks like.

```
.text, #text, p{  
    color:rgb(192, 150, 208)  
}
```

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(192, 150, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 150, 208) }
```

Border

The CSS property to change the border of an element to YIQ 169.1700, 6.4140, 26.9420 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(192, 150, 208) }
```


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

```
.border{ border-color:rgb(192, 150, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 150, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 150, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 150, 208); box-shadow:4px 4px 4px 4px rgb(192, 150, 208) }
```

Background

The CSS property to change the background color of an element to YIQ 169.1700, 6.4140, 26.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 150, 208) }
```

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

```
.background{ background-color: rgb(192,  
150, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor