

Converting Colors

YIQ(170.6360, 16.3650, 17.3010)

Have a look what the booklet for
YIQ(170.6360, 16.3650, 17.3010)
contains.

YIQ(170.6360, 16.3650, 17.3010)	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(170.6360, 16.3650,
17.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	C59BB6
RGB	197, 155, 182
RGB Percent	77%, 61%, 71%
CMY	0.2273, 0.3922, 0.2862
CMYK	0.00, 0.21, 0.08, 0.23
HSL	321°, 27%, 69%
HSV	321°, 21%, 77%
XYZ	43.1968, 38.6890, 49.4531
YIQ	170.6360, 16.3650, 17.3010

Conversions

Conversions Part 2

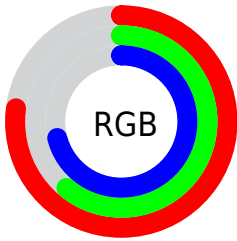
Format	Color
R _Y B	197, 155, 182
Decimal	12950454
CIE Lab	68.53, 20.09, -8.00
CIE LCh	69, 21.623, 338.280
Yxy	38.6890, 0.3289, 0.2946
Android (android.graphics.Color)	4291140534 (0xFFC59BB6)
YUV	170.6360, 5.6025, 23.1212
Hunter-Lab	62.2005, 15.1133, -3.5987

Details

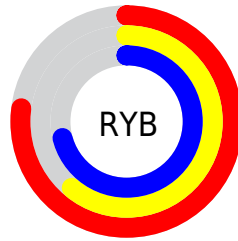
The YIQ color $170.6360, 16.3650, 17.3010$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $181.3640, -16.3650, -17.3010$, and the grayscale version is $171.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $226.3480, 17.2360, 18.0360$, and $118.5110, 15.2190, 16.0430$ is the 20% darker color. If you saturate the color by 10%, you get $158.0980, 24.1120, 25.5840$, and if you desaturate by 10%, it is $183.1740, 8.6180, 9.0180$.

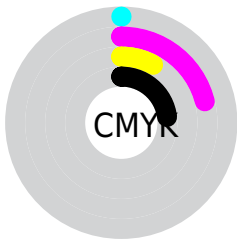
Distribution



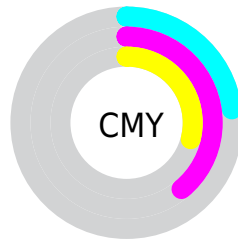
- Red (77%)
- Green (61%)
- Blue (71%)



- Red (77%)
- Yellow (61%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (23%)





- Cyan (23%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.6360, 16.3650, 17.3010 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 170.6360, 16.3650, 17.3010 by changing the saturation by 10% instead.


 170.6360, 16.3650,
17.3010


 170.6360, 16.3650,
17.3010


255.0000, -0.0000,
-0.0000

 144.2230, 16.0900,
16.7780


 226.3480, 17.2360,
18.0360


 118.5110, 15.2190,
16.0430

 245.0210, 4.6750,
8.8910

 93.2120, 14.6230,
15.8310

 69.5000, 13.7520,
15.0960

 46.7880, 12.8810,
14.3610

 24.4890, 12.2850,
14.1490

 8.7720, 9.8100,

9.4420

0.0000, 0.0000,
0.0000

170.6360, 16.3650,
17.3010

170.6360, 16.3650,
17.3010

158.0980, 24.1120,
25.5840

183.1740, 8.6180,
9.0180

146.1470, 31.5840,
33.3440

195.1250, 1.1460,
1.2580

133.6090, 39.3310,
41.6270

207.6630, -6.6010,
-7.0250

121.0710, 47.0780,
49.9100

220.2010,
-14.3480, -15.3080

108.5330, 54.8250,
58.1930

232.7390,
-22.0950, -23.5910

■ 96.5820, 62.2970,
65.9530

■ 234.1240,
-24.6170, -21.9370

■ 84.0440, 70.0440,
74.2360

■ 234.9220,
-26.8640, -19.7600

■ 73.3810, 76.6450,
81.2610

■ 235.7200,
-29.1110, -17.5830

■ 236.5180,
-31.3580, -15.4060

Harmonies

Analogous

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



169.4150, -2.0660, 15.4220



170.6360, 16.3650, 17.3010



170.1720, 29.2950, 14.2470

Triad

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



170.6360, 16.3650, 17.3010



165.8320, 17.6080, -10.7440



159.4600, -42.6380, -9.2140

Complementary

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



170.6360, 16.3650, 17.3010



181.3640, -16.3650, -17.3010

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.



158.7780, -35.0260, -15.0100



170.6360, 16.3650, 17.3010



163.1010, 0.5530, -15.5350

Square

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



170.6360, 16.3650, 17.3010



167.4470, 29.2980, -2.3340



160.9940, -18.1990, -17.1030



162.6660, -37.0460, -0.4220

Rectangle

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



170.6360, 16.3650, 17.3010



169.2770, 33.1930, 9.6810



160.9940, -18.1990, -17.1030



159.0640, -41.5830, -11.8150

Sweetspot

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



170.6360, 16.3650, 17.3010



245.6250, 5.7300, 6.2900



164.2730, -4.5420, 16.2420



122.2610, 3.7590, 3.4630



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.



170.6360, 16.3650, 17.3010



213.5220, 25.8540, 27.0540



168.2420, 23.1060, 10.7700



93.3750, 3.4380, 3.7740



60.7070, 63.4430, 67.2110



13.3860, 14.0730, 14.7850

Inverse Universe

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



170.6360, 16.3650, 17.3010



213.5220, 25.8540, 27.0540



183.7580, -23.1060, -10.7700



93.3750, 3.4380, 3.7740



60.7070, 63.4430, 67.2110



13.3860, 14.0730, 14.7850

Previews

White Background



This preview shows how the YIQ color 170.6360, 16.3650, 17.3010 looks on a white background.

Color Contrast Check

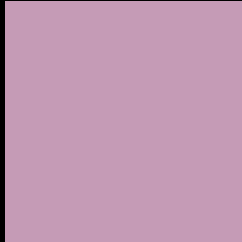
Large Text (above 18pt) WCAG AA × Fail

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 170.6360, 16.3650, 17.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

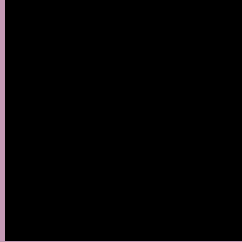
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.6360, 16.3650, 17.3010

Background



This preview shows how black text looks on a background with the YIQ color 170.6360, 16.3650, 17.3010.



This preview shows how white text looks on a background with the YIQ color 170.6360, 16.3650,

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

170.6360, 16.3650, 17.3010

Protanopia

168.0240, -8.5750, 6.7290

Deuteranopia

169.5370, 3.1620, 8.7780



Tritanopia

169.7300, 18.7960, 11.7880

Trichromacy



Original Color

170.6360, 16.3650, 17.3010

Protanomaly

168.9220, 0.6400, 10.4320

Deuteranomaly

169.8690, 8.1590, 11.8310

Tritanomaly

170.0120, 18.0620, 14.0780

Monochromacy



Original Color

170.6360, 16.3650, 17.3010

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.6250, 5.7300, 6.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.6360, 16.3650, 17.3010 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(197, 155, 182)` looks like.

```
.text, #text, p{  
    color:rgb(197, 155, 182)  
}
```

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(197, 155, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 155, 182) }
```

Border

The CSS property to change the border of an element to YIQ 170.6360, 16.3650, 17.3010 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(197, 155, 182) }
```


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

```
.border{ border-color:rgb(197, 155, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 155, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 155, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 155, 182);  
box-shadow:4px 4px 4px 4px rgb(197, 155,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 170.6360, 16.3650, 17.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 155, 182) }
```

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

```
.background{ background-color: rgb(197,  
155, 182) }
```

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