

Converting Colors

YIQ(172.0010, 16.5950, 13.1310)

Have a look what the booklet for
YIQ(172.0010, 16.5950, 13.1310)
contains.

YIQ(172.0010, 16.5950, 13.1310)	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(172.0010, 16.5950,
13.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	C49FB0
RGB	196, 159, 176
RGB Percent	77%, 62%, 69%
CMY	0.2313, 0.3765, 0.3097
CMYK	0.00, 0.19, 0.10, 0.23
HSL	332°, 24%, 70%
HSV	332°, 19%, 77%
XYZ	43.0048, 39.6652, 46.4708
YIQ	172.0010, 16.5950, 13.1310

Conversions

Conversions Part 2

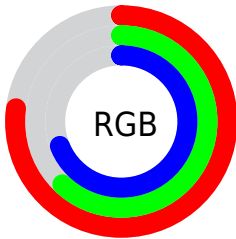
Format	Color
R_{YB}	196, 159, 176
Decimal	12885936
CIE _{Lab}	69.23, 16.48, -3.63
CIE _{LCh}	69, 16.874, 347.570
Yxy	39.6652, 0.3330, 0.3071
Android (android.graphics.Color)	4291076016 (0xFFC49FB0)
YUV	172.0010, 1.9715, 21.0471
Hunter-Lab	62.9803, 11.6694, 0.3383

Details

The YIQ color **172.0010, 16.5950, 13.1310** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **182.9990, -16.5950, -13.1310**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.7130, 17.4660, 13.8660**, and **119.4030, 15.4030, 12.7070** is the 20% darker color. If you saturate the color by 10%, you get **159.0070, 25.6260, 20.1700**, and if you desaturate by 10%, it is **184.9950, 7.5640, 6.0920**.

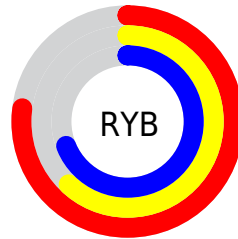
Distribution



Red (77%)

Green (62%)

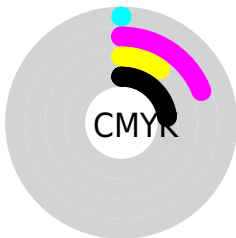
Blue (69%)



Red (77%)

Yellow (62%)

Blue (69%)

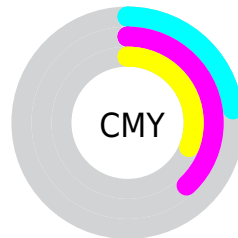


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.0010, 16.5950, 13.1310 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 172.0010, 16.5950, 13.1310 by changing the saturation by 10% instead.

■ 172.0010, 16.5950,
13.1310

■ 172.0010, 16.5950,
13.1310

255.0000, -0.0000,
-0.0000

■ 145.5880, 16.3200,
12.6080

■ 227.7130, 17.4660,
13.8660

■ 119.4030, 15.4030,
12.7070

■ 247.3690, 3.5750,
6.7990

■ 94.6910, 14.5320,
11.9720

■ 70.9790, 13.6610,
11.2370

■ 47.6800, 13.0650,
11.0250

■ 26.6690, 11.5980,
10.0780

■ 8.1590, 12.9740,

7.1660

■ 0.0000, 0.0000,
0.0000

■ 172.0010, 16.5950,
13.1310

■ 172.0010, 16.5950,
13.1310

■ 159.0070, 25.6260,
20.1700

■ 184.9950, 7.5640,
6.0920

■ 146.7140, 34.0610,
26.9970

■ 197.2880, -0.8710,
-0.7350

■ 133.7200, 43.0920,
34.0360

■ 210.2820, -9.9020,
-7.7740

■ 121.4270, 51.5270,
40.8630

■ 222.5750,
-18.3370, -14.6010

■ 108.4330, 60.5580,
47.9020

■ 234.3950,
-26.8180, -20.5940

■ 95.4390, 69.5890,
54.9410

■ 235.6490,
-30.3490, -17.1730

■ 83.1460, 78.0240,
61.7680

■ 236.7890,
-33.5590, -14.0630

■ 70.1520, 87.0550,
68.8070

■ 237.3590,
-35.1640, -12.5080

■ 68.8640, 87.9260,
69.5420

Harmonies

Analogous

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



171.4710, 3.5280, 13.1600



172.0010, 16.5950, 13.1310



171.6720, 24.7110, 9.2150

Triad

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



172.0010, 16.5950, 13.1310



167.4660, 9.9510, -9.6410



164.2550, -31.6350, -4.8750

Complementary

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



172.0010, 16.5950, 13.1310



182.9990, -16.5950, -13.1310

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.



163.3490, -29.2040, -10.3880



172.0010, 16.5950, 13.1310



165.6430, -3.8490, -12.8490

Square

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



172.0010, 16.5950, 13.1310



169.3150, 20.8620, -3.6340



163.6290, -18.4290, -12.9330



166.5920, -25.0340, 2.1500

Rectangle

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



172.0010, 16.5950, 13.1310



170.9340, 26.7290, 5.6810



163.6290, -18.4290, -12.9330



163.7880, -31.8180, -7.0660

Sweetspot

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



172.0010, 16.5950, 13.1310



245.2830, 6.6930, 5.3570



169.1980, 0.0430, 15.7470



122.1470, 4.0800, 3.1520



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.



172.0010, 16.5950, 13.1310



216.7190, 26.4970, 20.9050



170.6500, 21.7770, 7.3210



90.5600, 4.3550, 3.6750



56.5750, 72.2020, 57.1460



11.5770, 14.8530, 11.6610

Inverse Universe

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



172.0010, 16.5950, 13.1310



216.7190, 26.4970, 20.9050



184.3500, -21.7770, -7.3210



90.5600, 4.3550, 3.6750



56.5750, 72.2020, 57.1460



11.5770, 14.8530, 11.6610

Previews

White Background



This preview shows how the YIQ color 172.0010, 16.5950, 13.1310 looks on a white background.

Color Contrast Check

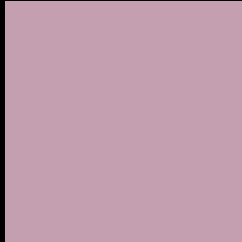
Large Text (above 18pt) WCAG AA × Fail

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 172.0010, 16.5950, 13.1310 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 172.0010, 16.5950, 13.1310

Background



This preview shows how black text looks on a background with the YIQ color 172.0010, 16.5950, 13.1310.



This preview shows how white text looks on a background with the YIQ color 172.0010, 16.5950,

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

172.0010, 16.5950, 13.1310

Protanopia

169.8950, -3.8980, 4.5660

Deuteranopia

170.9350, 7.7930, 7.4490



Tritanopia

172.1320, 17.6040, 11.3640

Trichromacy



Original Color

172.0010, 16.5950, 13.1310

Protanomaly

170.8960, 3.5290, 7.6330

Deuteranomaly

171.2560, 11.3230, 9.5550

Tritanomaly

172.2460, 17.2830, 11.6750

Monochromacy



Original Color

172.0010, 16.5950, 13.1310

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.8700, 6.4180, 4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.0010, 16.5950, 13.1310 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(196, 159, 176)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 176)  
}
```

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(196, 159, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 176) }
```

Border

The CSS property to change the border of an element to YIQ 172.0010, 16.5950, 13.1310 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(196, 159, 176) }
```


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

```
.border{ border-color:rgb(196, 159, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 176);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 172.0010, 16.5950, 13.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 176) }
```

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

```
.background{ background-color: rgb(196,  
159, 176) }
```

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