

Converting Colors

YIQ(172.8930, 16.7790, 9.7950)

Have a look what the booklet for
YIQ(172.8930, 16.7790, 9.7950)
contains.

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Color

**YIQ(172.8930, 16.7790,
9.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A2AB
RGB	195, 162, 171
RGB Percent	76%, 64%, 67%
CMY	0.2352, 0.3647, 0.3293
CMYK	0.00, 0.17, 0.12, 0.24
HSL	344°, 22%, 70%
HSV	344°, 17%, 76%
XYZ	42.7812, 40.3816, 44.0753
YIQ	172.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

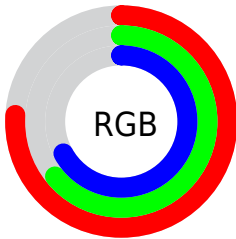
Format	Color
R_{YB}	195, 162, 171
Decimal	12821163
CIE Lab	69.74, 13.61, -0.12
CIE LCh	70, 13.614, 359.498
Yxy	40.3816, 0.3362, 0.3174
Android (android.graphics.Color)	4291011243 (0xFFC3A2AB)
YUV	172.8930, -0.9332, 19.3878
Hunter-Lab	63.5465, 8.9647, 3.3596

Details

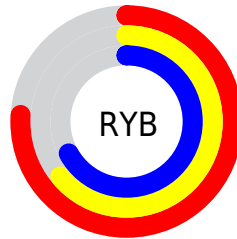
The YIQ color **172.8930, 16.7790, 9.7950** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **184.1070, -16.7790, -9.7950**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.4910, 17.9710, 10.2190**, and **120.2950, 15.5870, 9.3710** is the 20% darker color. If you saturate the color by 10%, you get **159.5570, 26.7730, 15.9010**, and if you desaturate by 10%, it is **185.6420, 7.0600, 4.2120**.

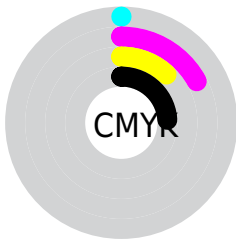
Distribution



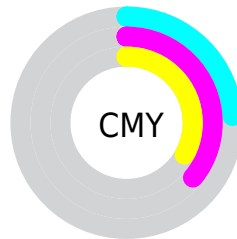
- Red (76%)
- Green (64%)
- Blue (67%)



- Red (76%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (24%)





- Cyan (24%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.8930, 16.7790, 9.7950 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 172.8930, 16.7790, 9.7950 by changing the saturation by 10% instead.


 172.8930, 16.7790,
9.7950


 172.8930, 16.7790,
9.7950


255.0000, -0.0000,
-0.0000


 146.5940, 16.1830,
9.5830


 228.4910, 17.9710,
10.2190


 120.2950, 15.5870,
9.3710

 249.1300, 2.7500,
5.2300

 95.5830, 14.7160,
8.6360

 71.3980, 13.7990,
8.7350

 48.6860, 12.9280,
8.0000

 27.9740, 12.0570,
7.2650

 7.5890, 14.5790,

5.6110

0.0000, 0.0000,
0.0000

172.8930, 16.7790,
9.7950

172.8930, 16.7790,
9.7950

159.5570, 26.7730,
15.9010

185.6420, 7.0600,
4.2120

146.8080, 36.4920,
21.4840

198.9780, -2.9340,
-1.8940

133.3580, 46.8070,
27.2790

211.8410,
-12.9740, -7.1660

120.6090, 56.5260,
32.8620

225.1770,
-22.9680, -13.2720

107.2730, 66.5200,
38.9680

235.5780,
-31.5870, -16.7630

■ 94.5240, 76.2390,
44.5510

■ 237.0600,
-35.7600, -12.7200

■ 81.1880, 86.2330,
50.6570

■ 68.4390, 95.9520,
56.2400

■ 64.3470, 99.2070,
57.8230

Harmonies

Analogous

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



172.7440, 7.0130, 10.5730



172.8930, 16.7790, 9.7950



172.7100, 21.5480, 5.9640

Triad

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



172.8930, 16.7790, 9.7950



168.4700, 4.1280, -8.7360



167.5550, -23.6120, -1.5960

Complementary

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



172.8930, 16.7790, 9.7950



184.1070, -16.7790, -9.7950

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.



166.2080, -24.2530, -6.5010



172.8930, 16.7790, 9.7950



167.0710, -7.9300, -10.4740

Square

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



172.8930, 16.7790, 9.7950



169.9660, 14.5350, -4.6090



166.3240, -18.8880, -10.1200



169.5500, -16.0480, 4.4960

Rectangle

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



172.8930, 16.7790, 9.7950



171.6020, 21.7320, 2.6280



166.3240, -18.8880, -10.1200



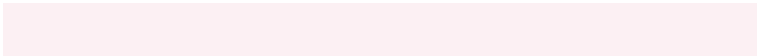
167.0170, -25.0330, -3.3770

Sweetspot

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



172.8930, 16.7790, 9.7950



243.9300, 6.1890, 3.4770



172.9380, 3.7110, 15.3510



122.6200, 4.1260, 2.3180



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.



172.8930, 16.7790, 9.7950



218.5460, 25.3060, 14.9540



175.9760, 17.7430, 3.3350



90.3320, 4.9970, 3.0530



53.1550, 81.8320, 47.8160



10.8930, 16.7790, 9.7950

Inverse Universe

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



172.8930, 16.7790, 9.7950



218.5460, 25.3060, 14.9540



181.0240, -17.7430, -3.3350



90.3320, 4.9970, 3.0530



53.1550, 81.8320, 47.8160



10.8930, 16.7790, 9.7950

Previews

White Background



This preview shows how the YIQ color 172.8930, 16.7790, 9.7950 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 172.8930, 16.7790, 9.7950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

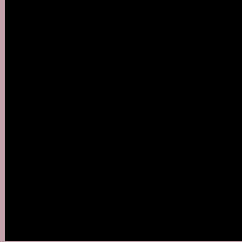
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.8930, 16.7790, 9.7950

Background



This preview shows how black text looks on a background with the YIQ color 172.8930, 16.7790, 9.7950.



This preview shows how white text looks on a background with the YIQ color 172.8930, 16.7790,

9.7950.

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

172.8930, 16.7790, 9.7950

Protanopia

171.1680, -0.4130, 1.9790

Deuteranopia

172.1480, 11.5070, 6.2190



Tritanopia

172.6480, 16.0910, 11.2510

Trichromacy



Original Color

172.8930, 16.7790, 9.7950

Protanomaly

171.6850, 5.5010, 4.9330

Deuteranomaly

172.4580, 13.5700, 7.3780

Tritanomaly

172.5340, 16.4120, 10.9400

Monochromacy



Original Color

172.8930, 16.7790, 9.7950

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.9300, 6.1890, 3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.8930, 16.7790, 9.7950 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(195, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 171)  
}
```

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(195, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 171) }
```

Border

The CSS property to change the border of an element to YIQ 172.8930, 16.7790, 9.7950 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(195, 162, 171) }
```


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

```
.border{ border-color:rgb(195, 162, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 162, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 162, 171);  
box-shadow:4px 4px 4px 4px rgb(195, 162,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 172.8930, 16.7790, 9.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 171) }
```

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

```
.background{ background-color: rgb(195,  
162, 171) }
```

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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