

Converting Colors

YIQ(172.9600, 23.8400, 8.4800)

Have a look what the booklet for
YIQ(172.9600, 23.8400, 8.4800)
contains.

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Color

**YIQ(172.9600, 23.8400,
8.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A1A1
RGB	201, 161, 161
RGB Percent	79%, 63%, 63%
CMY	0.2117, 0.3687, 0.3685
CMYK	0.00, 0.20, 0.20, 0.21
HSL	360°, 27%, 71%
HSV	360°, 20%, 79%
XYZ	43.2710, 40.4788, 39.2619
YIQ	172.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

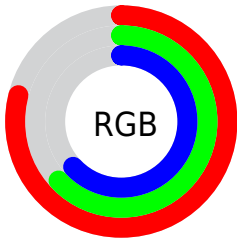
Format	Color
R_{YB}	201, 161, 161
Decimal	13214113
CIE _{Lab}	69.81, 14.77, 5.59
CIE _{LCh}	70, 15.798, 20.737
Yxy	40.4788, 0.3518, 0.3291
Android (android.graphics.Color)	4291404193 (0xFFC9A1A1)
YUV	172.9600, -5.8963, 24.5911
Hunter-Lab	63.6229, 10.0606, 7.9480

Details

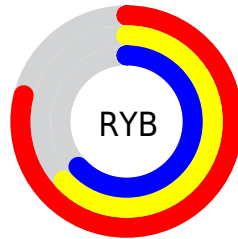
The YIQ color **172.9600, 23.8400, 8.4800** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **189.0400, -23.8400, -8.4800**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.6610, 23.2440, 8.2680**, and **120.1770, 21.7310, 8.1550** is the 20% darker color. If you saturate the color by 10%, you get **158.9400, 35.7600, 12.7200**, and if you desaturate by 10%, it is **186.9800, 11.9200, 4.2400**.

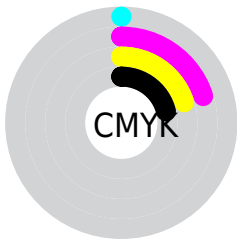
Distribution



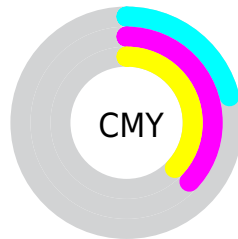
- Red (79%)
- Green (63%)
- Blue (63%)



- Red (79%)
- Yellow (63%)
- Blue (63%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (21%)




- Cyan (21%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.9600, 23.8400, 8.4800 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 172.9600, 23.8400, 8.4800 by changing the saturation by 10% instead.


 172.9600, 23.8400,
8.4800

 172.9600, 23.8400,
8.4800


255.0000, -0.0000,
-0.0000


 146.3620, 22.6480,
8.0560


 227.6610, 23.2440,
8.2680


 120.1770, 21.7310,
8.1550

 247.2890, 6.5560,
2.3320

 95.4650, 20.8600,
7.4200

 71.2800, 19.9430,
7.5190

 48.3830, 18.1550,
6.8830

 26.8990, 16.6420,
6.7700

 8.1870, 15.7710,

6.0350

■ 0.0000, 0.0000,
0.0000

■ 172.9600, 23.8400,
8.4800

■ 172.9600, 23.8400,
8.4800

■ 158.9400, 35.7600,
12.7200

■ 186.9800, 11.9200,
4.2400

■ 144.9200, 47.6800,
16.9600

■ 201.0000, -0.0000,
0.0000

■ 130.9000, 59.6000,
21.2000

■ 215.0200,
-11.9200, -4.2400

■ 116.8800, 71.5200,
25.4400

■ 229.0400,
-23.8400, -8.4800

■ 102.2730, 83.7150,
30.2030

■ 238.8540,
-32.1840, -11.4480

■ 88.2530, 95.6350,
34.4430

■ 74.1190, 107.8760,
38.3720

■ 60.0990, 119.7960,
42.6120

Harmonies

Analogous

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



173.4740, 16.6410, 12.2970



172.9600, 23.8400, 8.4800



172.1570, 24.4830, 2.3310

Triad

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



172.9600, 23.8400, 8.4800



167.5720, -5.0870, -12.4390



168.6740, -22.3290, 2.6870

Complementary

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



172.9600, 23.8400, 8.4800



189.0400, -23.8400, -8.4800

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.



166.4510, -29.2510, -4.0270



172.9600, 23.8400, 8.4800



166.0420, -18.1540, -12.4100

Square

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



172.9600, 23.8400, 8.4800



169.0960, 8.1170, -9.4430



165.3600, -27.7370, -9.4410



171.3060, -9.3090, 9.0190

Rectangle

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



172.9600, 23.8400, 8.4800



170.9670, 21.9620, -1.5420



165.3600, -27.7370, -9.4410



168.2390, -25.5380, 0.2700

Sweetspot

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



172.9600, 23.8400, 8.4800



244.4850, 8.9400, 3.1800



177.2210, 10.4040, 20.7080



121.6910, 5.3640, 1.9080



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.



172.9600, 23.8400, 8.4800



212.2390, 36.3560, 12.9320



184.1130, 18.6150, -1.4570



92.6910, 5.3640, 1.9080



48.7370, 97.1480, 34.5560



10.7640, 21.4560, 7.6320

Inverse Universe

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



172.9600, 23.8400, 8.4800



212.2390, 36.3560, 12.9320



177.8870, -18.6150, 1.4570



92.6910, 5.3640, 1.9080



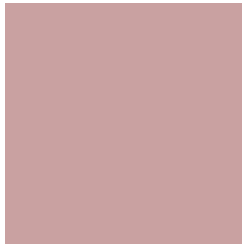
48.7370, 97.1480, 34.5560



10.7640, 21.4560, 7.6320

Previews

White Background



This preview shows how the YIQ color 172.9600, 23.8400, 8.4800 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 172.9600, 23.8400, 8.4800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

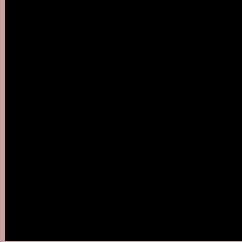
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.9600, 23.8400, 8.4800

Background



This preview shows how black text looks on a background with the YIQ color 172.9600, 23.8400, 8.4800.



This preview shows how white text looks on a background with the YIQ color 172.9600, 23.8400,

8.4800.

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

172.9600, 23.8400, 8.4800

Protanopia

171.0390, 4.2640, -0.1840

Deuteranopia

172.2040, 17.1010, 3.9570



Tritanopia

173.3390, 21.4550, 13.1590

Trichromacy



Original Color

172.9600, 23.8400, 8.4800

Protanomaly

171.7410, 11.0950, 2.6710

Deuteranomaly

172.8130, 19.7600, 5.3280

Tritanomaly

173.4700, 22.4640, 11.3920

Monochromacy



Original Color

172.9600, 23.8400, 8.4800

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.1860, 8.3440, 2.9680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9600, 23.8400, 8.4800 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(201, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(201, 161, 161)  
}
```

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(201, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 161, 161) }
```

Border

The CSS property to change the border of an element to YIQ 172.9600, 23.8400, 8.4800 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(201, 161, 161) }
```


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

```
.border{ border-color:rgb(201, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(201, 161,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9600, 23.8400, 8.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 161, 161) }
```

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

```
.background{ background-color: rgb(201,  
161, 161) }
```

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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