

Converting Colors

YIQ(178.4870, 23.7940, 9.3140)

Have a look what the booklet for
YIQ(178.4870, 23.7940, 9.3140)
contains.

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Color

**YIQ(178.4870, 23.7940,
9.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA6A8
RGB	207, 166, 168
RGB Percent	81%, 65%, 66%
CMY	0.1881, 0.3491, 0.3411
CMYK	0.00, 0.20, 0.19, 0.19
HSL	357°, 30%, 73%
HSV	357°, 20%, 81%
XYZ	46.4423, 43.3632, 42.9795
YIQ	178.4870, 23.7940, 9.3140

Conversions

Conversions Part 2

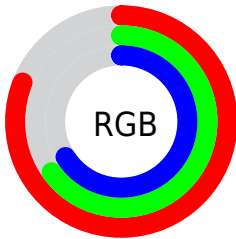
Format	Color
R _Y B	207, 166, 168
Decimal	13608616
CIE Lab	71.80, 15.37, 4.67
CIE LCh	72, 16.060, 16.903
Yxy	43.3632, 0.3498, 0.3266
Android (android.graphics.Color)	4291798696 (0xFFCFA6A8)
YUV	178.4870, -5.1701, 25.0059
Hunter-Lab	65.8508, 10.6512, 7.3981

Details

The YIQ color **178.4870, 23.7940, 9.3140** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **194.5130, -23.7940, -9.3140**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.3940, 19.6220, 7.8300**, and **125.5900, 22.0060, 8.6780** is the 20% darker color. If you saturate the color by 10%, you get **163.8800, 35.9890, 14.0770**, and if you desaturate by 10%, it is **193.0940, 11.5990, 4.5510**.

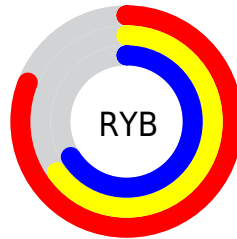
Distribution



Red (81%)

Green (65%)

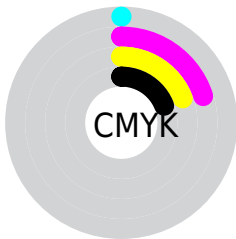
Blue (66%)



Red (81%)

Yellow (65%)

Blue (66%)

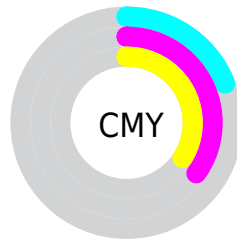


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (19%)



Cyan (19%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.4870, 23.7940, 9.3140 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 178.4870, 23.7940, 9.3140 by changing the saturation by 10% instead.


 178.4870, 23.7940,
9.3140

 178.4870, 23.7940,
9.3140


255.0000, -0.0000,
-0.0000


 151.8890, 22.6020,
8.8900


 231.3940, 19.6220,
7.8300


 125.5900, 22.0060,
8.6780

 251.7230, 2.3380,
1.6820

 100.4050, 21.0890,
8.7770

 76.3940, 19.6220,
7.8300

 53.2090, 18.7050,
7.9290

 31.3120, 16.9170,
7.2930

 9.8670, 19.6680,

6.9960

0.0000, 0.0000,
0.0000

178.4870, 23.7940,
9.3140

178.4870, 23.7940,
9.3140

163.8800, 35.9890,
14.0770

193.0940, 11.5990,
4.5510

149.9740, 47.5880,
18.6280

207.0000, 0.0000,
-0.0000

135.3670, 59.7830,
23.3910

221.6070,
-12.1950, -4.7630

120.7600, 71.9780,
28.1540

236.2140,
-24.3900, -9.5260

106.2670, 83.8520,
33.2280

240.6480,
-28.6080, -10.1760

■ 92.2470, 95.7720,
37.4680

■ 77.6400, 107.9670,
42.2310

■ 63.1470, 119.8410,
47.3050

■ 63.0330, 120.1620,
46.9940

Harmonies

Analogous

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



178.7020, 15.9990, 12.9190



178.4870, 23.7940, 9.3140



177.2820, 25.6290, 3.5890

Triad

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



178.4870, 23.7940, 9.3140



173.0560, -3.5740, -12.3260



173.7770, -24.1170, 2.0510

Complementary

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



178.4870, 23.7940, 9.3140



194.5130, -23.7940, -9.3140

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.



171.7390, -30.1220, -4.7620



178.4870, 23.7940, 9.3140



171.2270, -17.2370, -12.5090

Square

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



178.4870, 23.7940, 9.3140



174.8790, 10.2260, -9.1180



170.2460, -27.4160, -9.7520



176.2240, -12.0140, 8.4820

Rectangle

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



178.4870, 23.7940, 9.3140



176.5650, 23.1540, -1.1180



170.2460, -27.4160, -9.7520



173.2280, -27.0050, -0.6770

Sweetspot

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



178.4870, 23.7940, 9.3140



244.4850, 8.9400, 3.1800



182.3350, 10.0830, 21.0190



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.



178.4870, 23.7940, 9.3140



212.5810, 35.3930, 13.8650



188.8250, 19.4860, -0.7220



97.4030, 6.2350, 2.6430



51.1440, 97.5600, 38.1040



12.4870, 23.7940, 9.3140

Inverse Universe

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



178.4870, 23.7940, 9.3140



212.5810, 35.3930, 13.8650



184.1750, -19.4860, 0.7220



97.4030, 6.2350, 2.6430



51.1440, 97.5600, 38.1040



12.4870, 23.7940, 9.3140

Previews

White Background



This preview shows how the YIQ color 178.4870, 23.7940, 9.3140 looks on a white background.

Color Contrast Check

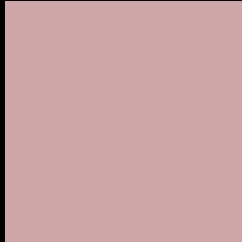
Large Text (above 18pt) WCAG AA × Fail

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 178.4870, 23.7940, 9.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

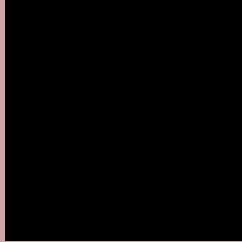
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.4870, 23.7940, 9.3140

Background



This preview shows how black text looks on a background with the YIQ color 178.4870, 23.7940, 9.3140.



This preview shows how white text looks on a background with the YIQ color 178.4870, 23.7940,

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

178.4870, 23.7940, 9.3140

Protanopia

176.2670, 3.6220, 0.4380

Deuteranopia

177.7310, 17.0550, 4.7910



Tritanopia

179.2250, 21.7760, 12.8480

Trichromacy



Original Color

178.4870, 23.7940, 9.3140

Protanomaly

177.2680, 11.0490, 3.5050

Deuteranomaly

178.3400, 19.7140, 6.1620

Tritanomaly

178.8830, 22.7390, 11.9150

Monochromacy



Original Color

178.4870, 23.7940, 9.3140

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.4850, 8.9400, 3.1800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.4870, 23.7940, 9.3140 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(207, 166, 168)` looks like.

```
.text, #text, p{  
    color:rgb(207, 166, 168)  
}
```

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(207, 166, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 166, 168) }
```

Border

The CSS property to change the border of an element to YIQ 178.4870, 23.7940, 9.3140 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(207, 166, 168) }
```


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

```
.border{ border-color:rgb(207, 166, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 166, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 166, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 166, 168);  
box-shadow:4px 4px 4px 4px rgb(207, 166,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 178.4870, 23.7940, 9.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 166, 168) }
```

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

```
.background{ background-color: rgb(207,  
166, 168) }
```

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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