

Converting Colors

YIQ(172.8840, 12.9710, 23.7470)

Have a look what the booklet for
YIQ(172.8840, 12.9710, 23.7470)
contains.

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Color

**YIQ(172.8840, 12.9710,
23.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	C89AC7
RGB	200, 154, 199
RGB Percent	78%, 60%, 78%
CMY	0.2155, 0.3961, 0.2196
CMYK	0.00, 0.23, 0.01, 0.22
HSL	301°, 30%, 69%
HSV	301°, 23%, 78%
XYZ	45.6905, 39.5128, 59.2540
YIQ	172.8840, 12.9710, 23.7470

Conversions

Conversions Part 2

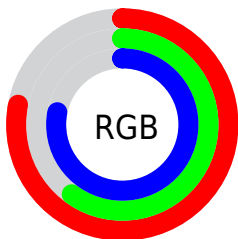
Format	Color
R_{YB}	200, 154, 199
Decimal	13146823
CIE _{Lab}	69.12, 24.78, -16.53
CIE _{LCh}	69, 29.785, 326.301
Yxy	39.5128, 0.3163, 0.2735
Android (android.graphics.Color)	4291336903 (0xFFC89AC7)
YUV	172.8840, 12.8752, 23.7807
Hunter-Lab	62.8592, 19.7429, -11.8881

Details

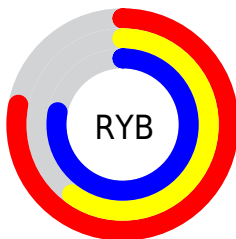
The YIQ color **172.8840, 12.9710, 23.7470** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **181.1160, -12.9710, -23.7470**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9980, 12.6500, 24.0580**, and **119.7590, 11.8250, 22.4890** is the 20% darker color. If you saturate the color by 10%, you get **161.1440, 18.4710, 34.2070**, and if you desaturate by 10%, it is **184.6240, 7.4710, 13.2870**.

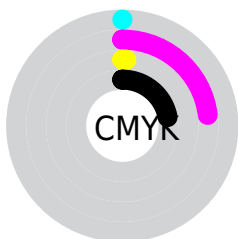
Distribution



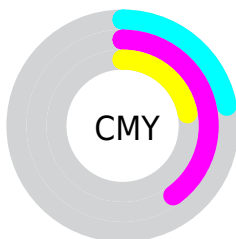
- Red (78%)
- Green (60%)
- Blue (78%)



- Red (78%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.8840, 12.9710, 23.7470 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 172.8840, 12.9710, 23.7470 by changing the saturation by 10% instead.

■ 172.8840, 12.9710,
23.7470

■ 172.8840, 12.9710,
23.7470

255.0000, -0.0000,
-0.0000

■ 146.1720, 12.1000,
23.0120

■ 227.9980, 12.6500,
24.0580

■ 120.0580, 12.4210,
22.7010

■ 244.4340, 4.9500,
9.4140

■ 94.9330, 11.2750,
21.4430

■ 70.5200, 11.0000,
20.9200

■ 47.8080, 10.1290,
20.1850

■ 25.3950, 9.8540,
19.6620

■ 11.5640, 7.7000,

14.6440

■ 0.0000, 0.0000,
0.0000

■ 172.8840, 12.9710,
23.7470

■ 172.8840, 12.9710,
23.7470

■ 161.1440, 18.4710,
34.2070

■ 184.6240, 7.4710,
13.2870

■ 149.2900, 24.2920,
44.3560

■ 196.4780, 1.6500,
3.1380

■ 137.5500, 29.7920,
54.8160

■ 208.2180, -3.8500,
-7.3220

■ 125.6960, 35.6130,
64.9650

■ 220.0720, -9.6710,
-17.4710

■ 113.9560, 41.1130,
75.4250

■ 231.8120,
-15.1710, -27.9310

■ 102.1020, 46.9340,
85.5740

■ 232.5130,
-15.7670, -28.1430

■ 90.3620, 52.4340,
96.0340

■ 232.6270,
-16.0880, -27.8320

■ 82.1440, 56.2840,
103.3560

Harmonies

Analogous

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



170.6510, -14.3540, 17.8540



172.8840, 12.9710, 23.7470



172.6660, 34.0160, 22.3040

Triad

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



172.8840, 12.9710, 23.7470



167.6610, 31.2710, -10.5610



153.8270, -63.0850, -18.6130

Complementary

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



172.8840, 12.9710, 23.7470



181.1160, -12.9710, -23.7470

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.



156.3160, -42.7730, -23.2930



172.8840, 12.9710, 23.7470



164.5550, 10.7780, -19.1260

Square

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



172.8840, 12.9710, 23.7470



169.7970, 43.0520, 1.7080



160.8600, -15.1260, -23.2380



157.1620, -62.1700, -7.6580

Rectangle

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



172.8840, 12.9710, 23.7470



171.8100, 42.1780, 17.5540



160.8600, -15.1260, -23.2380



154.5840, -58.0870, -21.0870

Sweetspot

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



172.8840, 12.9710, 23.7470



244.4340, 4.9500, 9.4140



159.5430, -14.1700, 14.5180



121.4290, 3.3460, 5.4420



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.



172.8840, 12.9710, 23.7470



213.0950, 20.1670, 36.5110



170.2620, 20.3540, 16.5940



93.7170, 2.4750, 4.7070



66.9770, 45.7880, 84.3160



14.7540, 10.2210, 18.5170

Inverse Universe

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



172.8840, 12.9710, 23.7470



213.0950, 20.1670, 36.5110



183.7380, -20.3540, -16.5940



93.7170, 2.4750, 4.7070



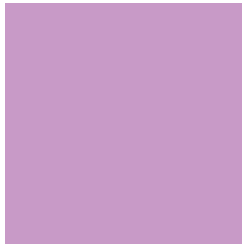
66.9770, 45.7880, 84.3160



14.7540, 10.2210, 18.5170

Previews

White Background



This preview shows how the YIQ color 172.8840, 12.9710, 23.7470 looks on a white background.

Color Contrast Check

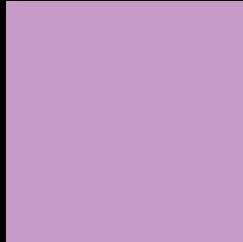
Large Text (above 18pt) WCAG AA × Fail

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 172.8840, 12.9710, 23.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

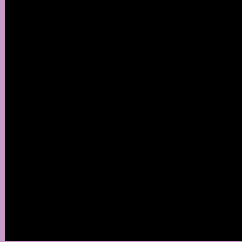
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.8840, 12.9710, 23.7470

Background



This preview shows how black text looks on a background with the YIQ color 172.8840, 12.9710, 23.7470.



This preview shows how white text looks on a background with the YIQ color 172.8840, 12.9710,

23.7470.

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

172.8840, 12.9710, 23.7470

Protanopia

169.5810, -17.3330, 11.2670

Deuteranopia

170.7410, -6.1000, 11.4360



Tritanopia

171.4310, 18.2000, 11.5760

Trichromacy



Original Color

172.8840, 12.9710, 23.7470

Protanomaly

170.7890, -6.0550, 16.1290

Deuteranomaly

171.4970, 0.6390, 15.9590

Tritanomaly

171.6960, 16.1360, 15.9440

Monochromacy



Original Color

172.8840, 12.9710, 23.7470

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.9070, 4.9960, 8.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.8840, 12.9710, 23.7470 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(200, 154, 199)` looks like.

```
.text, #text, p{  
    color:rgb(200, 154, 199)  
}
```

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(200, 154, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 154, 199) }
```

Border

The CSS property to change the border of an element to YIQ 172.8840, 12.9710, 23.7470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

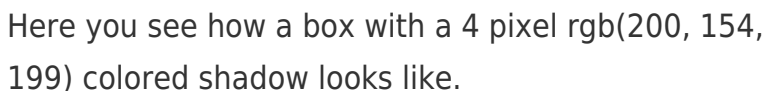
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 154, 199) }
```


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

```
.border{ border-color:rgb(200, 154, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 154, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 154, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 154, 199);  
box-shadow:4px 4px 4px 4px rgb(200, 154,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 172.8840, 12.9710, 23.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 154, 199) }
```

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

```
.background{ background-color: rgb(200,  
154, 199) }
```

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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