

Converting Colors

YIQ(176.4710, 12.6960, 23.2240)

Have a look what the booklet for
YIQ(176.4710, 12.6960, 23.2240)
contains.

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Color

**YIQ(176.4710, 12.6960,
23.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9ECA
RGB	203, 158, 202
RGB Percent	80%, 62%, 79%
CMY	0.2038, 0.3804, 0.2078
CMYK	0.00, 0.22, 0.01, 0.20
HSL	301°, 30%, 71%
HSV	301°, 22%, 80%
XYZ	47.5228, 41.4131, 61.3685
YIQ	176.4710, 12.6960, 23.2240

Conversions

Conversions Part 2

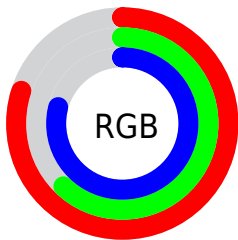
Format	Color
R _Y B	203, 158, 202
Decimal	13344458
CIE Lab	70.46, 24.16, -16.13
CIE LCh	70, 29.047, 326.270
Yxy	41.4131, 0.3162, 0.2755
Android (android.graphics.Color)	4291534538 (0xFFFCB9ECA)
YUV	176.4710, 12.5858, 23.2659
Hunter-Lab	64.3530, 19.1991, -11.4932

Details

The YIQ color $176.4710, 12.6960, 23.2240$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $184.5290, -12.6960, -23.2240$, and the grayscale version is $176.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.3460, 11.5500, 21.9660$, and $123.3460, 11.5500, 21.9660$ is the 20% darker color. If you saturate the color by 10%, you get $164.7310, 18.1960, 33.6840$, and if you desaturate by 10%, it is $188.2110, 7.1960, 12.7640$.

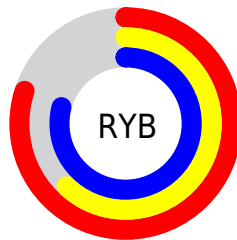
Distribution



Red (80%)

Green (62%)

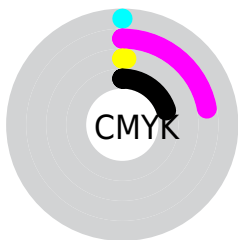
Blue (79%)



Red (80%)

Yellow (62%)

Blue (79%)

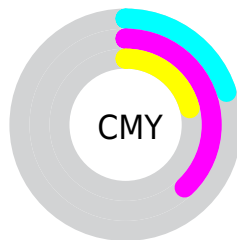


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.4710, 12.6960, 23.2240 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 176.4710, 12.6960, 23.2240 by changing the saturation by 10% instead.


 176.4710, 12.6960,
23.2240

 176.4710, 12.6960,
23.2240


255.0000, -0.0000,
-0.0000


 149.7590, 11.8250,
22.4890


 230.3460, 11.5500,
21.9660


 123.3460, 11.5500,
21.9660

 246.7820, 3.8500,
7.3220

 98.5200, 11.0000,
20.9200

 74.1070, 10.7250,
20.3970

 50.3950, 9.8540,
19.6620

 28.0960, 9.2580,
19.4500

 12.6890, 8.8460,

15.9020

0.0000, 0.0000,
0.0000

176.4710, 12.6960,
23.2240

176.4710, 12.6960,
23.2240

164.7310, 18.1960,
33.6840

188.2110, 7.1960,
12.7640

152.2900, 24.2920,
44.3560

200.6520, 1.1000,
2.0920

140.5500, 29.7920,
54.8160

212.3920, -4.4000,
-8.3680

128.6960, 35.6130,
64.9650

224.2460,
-10.2210, -18.5170

116.3690, 41.3880,
75.9480

233.6380,
-14.6210, -26.8850

■ 104.5150, 47.2090,
86.0970

■ 233.7520,
-14.9420, -26.5740

■ 92.7750, 52.7090,
96.5570

■ 233.8660,
-15.2630, -26.2630

■ 83.2690, 57.4300,
104.6140

Harmonies

Analogous

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



174.5370, -14.0330, 17.5430



176.4710, 12.6960, 23.2240



176.3670, 33.4200, 22.0920

Triad

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



176.4710, 12.6960, 23.2240



171.4760, 30.3540, -10.4620



158.3220, -60.1050, -17.5530

Complementary

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



176.4710, 12.6960, 23.2240



184.5290, -12.6960, -23.2240

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.



160.9140, -41.5810, -22.8690



176.4710, 12.6960, 23.2240



168.5550, 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.



176.4710, 12.6960, 23.2240



173.4980, 42.4560, 1.4960



164.8600, -15.1260, -23.2380



161.8310, -59.7400, -7.6440

Rectangle

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



176.4710, 12.6960, 23.2240



175.5110, 41.5820, 17.3420



164.8600, -15.1260, -23.2380



158.7800, -55.7030, -20.2390

Sweetspot

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



176.4710, 12.6960, 23.2240



244.4340, 4.9500, 9.4140



163.4290, -13.8490, 14.2070



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.



176.4710, 12.6960, 23.2240



214.2690, 19.6170, 35.4650



173.9630, 19.7580, 16.3820



96.1300, 2.7500, 5.2300



68.1020, 46.9340, 85.5740



15.5800, 10.7710, 19.5630

Inverse Universe

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



176.4710, 12.6960, 23.2240



214.2690, 19.6170, 35.4650



187.0370, -19.7580, -16.3820



96.1300, 2.7500, 5.2300



68.1020, 46.9340, 85.5740



15.5800, 10.7710, 19.5630

Previews

White Background



This preview shows how the YIQ color 176.4710, 12.6960, 23.2240 looks on a white background.

Color Contrast Check

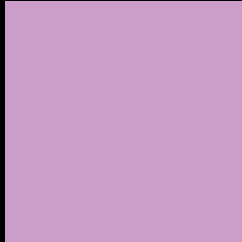
Large Text (above 18pt) WCAG AA × Fail

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 176.4710, 12.6960, 23.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

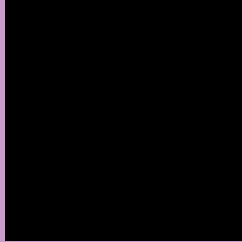
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.4710, 12.6960, 23.2240

Background



This preview shows how black text looks on a background with the YIQ color 176.4710, 12.6960, 23.2240.



This preview shows how white text looks on a background with the YIQ color 176.4710, 12.6960,

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

176.4710, 12.6960, 23.2240

Protanopia

173.4670, -17.0120, 10.9560

Deuteranopia

174.0400, -5.5040, 11.6480



Tritanopia

175.1320, 17.6040, 11.3640

Trichromacy



Original Color

176.4710, 12.6960, 23.2240

Protanomaly

174.3760, -6.3300, 15.6060

Deuteranomaly

174.7960, 1.2350, 16.1710

Tritanomaly

175.3970, 15.5400, 15.7320

Monochromacy



Original Color

176.4710, 12.6960, 23.2240

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.9070, 4.9960, 8.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.4710, 12.6960, 23.2240 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(203, 158, 202)` looks like.

```
.text, #text, p{  
    color:rgb(203, 158, 202)  
}
```

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(203, 158, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 158, 202) }
```

Border

The CSS property to change the border of an element to YIQ 176.4710, 12.6960, 23.2240 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(203, 158, 202) }
```


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

```
.border{ border-color:rgb(203, 158, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 158, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 158, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 158, 202); box-shadow:4px 4px 4px 4px rgb(203, 158, 202) }
```

Background

The CSS property to change the background color of an element to YIQ 176.4710, 12.6960, 23.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 158, 202) }
```

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

```
.background{ background-color: rgb(203,  
158, 202) }
```

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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