

Converting Colors

YIQ(180.5600, 22.6910, 23.8030)

Have a look what the booklet for
YIQ(180.5600, 22.6910, 23.8030)
contains.

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Color

**YIQ(180.5600, 22.6910,
23.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	D99FC4
RGB	217, 159, 196
RGB Percent	85%, 62%, 77%
CMY	0.1489, 0.3765, 0.2313
CMYK	0.00, 0.27, 0.10, 0.15
HSL	322°, 43%, 74%
HSV	322°, 27%, 85%
XYZ	50.9870, 43.5322, 57.9491
YIQ	180.5600, 22.6910, 23.8030

Conversions

Conversions Part 2

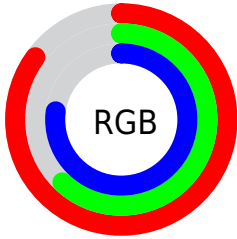
Format	Color
R _Y B	217, 159, 196
Decimal	14262212
CIE Lab	71.91, 27.32, -10.50
CIE LCh	72, 29.272, 338.976
Yxy	43.5322, 0.3344, 0.2855
Android (android.graphics.Color)	4292452292 (0xFFD99FC4)
YUV	180.5600, 7.6119, 31.9579
Hunter-Lab	65.9789, 22.4777, -5.8890

Details

The YIQ color **180.5600, 22.6910, 23.8030** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.4400, -22.6910, -23.8030**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.7050, 11.9170, 20.8210**, and **127.1360, 20.9490, 22.3330** is the 20% darker color. If you saturate the color by 10%, you get **166.7340, 31.3090, 32.8210**, and if you desaturate by 10%, it is **194.3860, 14.0730, 14.7850**.

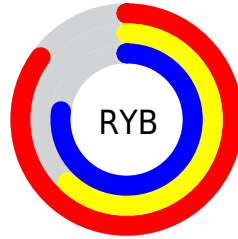
Distribution



Red (85%)

Green (62%)

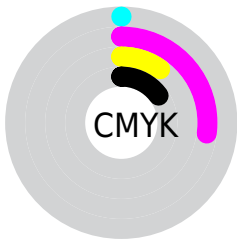
Blue (77%)



Red (85%)

Yellow (62%)

Blue (77%)

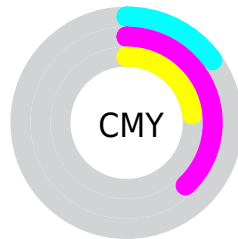


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (15%)



Cyan (15%)


Magenta (38%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.5600, 22.6910, 23.8030 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 180.5600, 22.6910, 23.8030 by changing the saturation by 10% instead.


 180.5600, 22.6910,
23.8030

 180.5600, 22.6910,
23.8030


255.0000, -0.0000,
-0.0000


 153.8480, 21.8200,
23.0680


 230.7050, 11.9170,
20.8210


 127.1360, 20.9490,
22.3330

 247.9560, 3.3000,
6.2760

 101.8370, 20.3530,
22.1210

 77.1250, 19.4820,
21.3860

 53.4130, 18.6110,
20.6510

 29.9290, 17.0980,
20.5380

 14.6250, 14.8980,

16.3540

■ 0.0000, 0.0000,
0.0000

■ 180.5600, 22.6910,
23.8030

■ 180.5600, 22.6910,
23.8030

■ 166.7340, 31.3090,
32.8210

■ 194.3860, 14.0730,
14.7850

■ 153.4950, 39.6520,
41.3160

■ 207.6250, 5.7300,
6.2900

■ 139.6690, 48.2700,
50.3340

■ 221.4510, -2.8880,
-2.7280

■ 125.9570, 56.5670,
59.6630

■ 235.1630,
-11.1850, -12.0570

■ 112.1310, 65.1850,
68.6810

■ 241.3580,
-16.2280, -14.2760

■ 98.8920, 73.5280,
77.1760

■ 242.2700,
-18.7960, -11.7880

■ 85.0660, 82.1460,
86.1940

■ 243.1820,
-21.3640, -9.3000

■ 80.6150, 85.0340,
88.9220

■ 243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



179.6910, -2.6630, 20.7370



180.5600, 22.6910, 23.8030



179.3090, 39.3350, 19.5190

Triad

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



180.5600, 22.6910, 23.8030



173.8340, 23.2940, -14.6740



162.8750, -63.0400, -13.9200

Complementary

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



180.5600, 22.6910, 23.8030



195.4400, -22.6910, -23.8030

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.



163.2920, -51.3930, -21.2570



180.5600, 22.6910, 23.8030



171.1130, 0.2790, -21.5850

Square

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



180.5600, 22.6910, 23.8030



176.4820, 39.3850, -3.4230



167.2870, -26.6340, -23.9300



168.3420, -53.6890, -1.6650

Rectangle

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



180.5600, 22.6910, 23.8030



178.5450, 44.2420, 13.1860



167.2870, -26.6340, -23.9300



162.2510, -61.3430, -17.1430

Sweetspot

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



180.5600, 22.6910, 23.8030



242.4620, 7.7470, 8.2830



171.5920, -6.6980, 22.2780



119.7990, 5.1800, 5.2440



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.



180.5600, 22.6910, 23.8030



203.4460, 32.1800, 33.5560



177.3680, 31.6790, 15.0950



103.0870, 4.3090, 4.5090



64.3810, 67.4770, 71.1970



17.0600, 18.1070, 18.7710

Inverse Universe

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



180.5600, 22.6910, 23.8030



203.4460, 32.1800, 33.5560



198.6320, -31.6790, -15.0950



103.0870, 4.3090, 4.5090



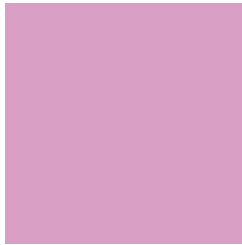
64.3810, 67.4770, 71.1970



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 180.5600, 22.6910, 23.8030 looks on a white background.

Color Contrast Check

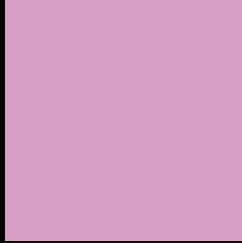
Large Text (above 18pt) WCAG AA × Fail

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 180.5600, 22.6910, 23.8030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

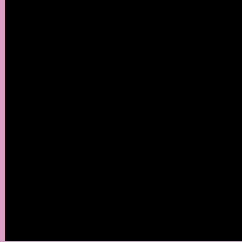
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.5600, 22.6910, 23.8030

Background



This preview shows how black text looks on a background with the YIQ color 180.5600, 22.6910, 23.8030.



This preview shows how white text looks on a background with the YIQ color 180.5600, 22.6910,

23.8030.

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

180.5600, 22.6910, 23.8030

Protanopia

177.3380, -12.3350, 8.7930

Deuteranopia

178.6940, 1.2820, 9.8100



Tritanopia

179.6170, 26.5440, 14.5440

Trichromacy



Original Color

180.5600, 22.6910, 23.8030

Protanomaly

178.4430, 0.7310, 14.2910

Deuteranomaly

179.1620, 8.8920, 15.0680

Tritanomaly

180.2410, 24.8470, 17.7670

Monochromacy



Original Color

180.5600, 22.6910, 23.8030

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.7610, 8.3430, 8.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.5600, 22.6910, 23.8030 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(217, 159, 196)` looks like.

```
.text, #text, p{  
    color:rgb(217, 159, 196)  
}
```

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(217, 159, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 159, 196) }
```

Border

The CSS property to change the border of an element to YIQ 180.5600, 22.6910, 23.8030 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(217, 159, 196) }
```


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

```
.border{ border-color:rgb(217, 159, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 159, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 159, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 159, 196);  
box-shadow:4px 4px 4px 4px rgb(217, 159,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 180.5600, 22.6910, 23.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 159, 196) }
```

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

```
.background{ background-color: rgb(217,  
159, 196) }
```

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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