

# Converting Colors

YIQ(194.3110, 1.4630, 23.0550)

Have a look what the booklet for  
YIQ(194.3110, 1.4630, 23.0550)  
contains.

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# Color

**YIQ(194.3110, 1.4630,  
23.0550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2B3E8
RGB	210, 179, 232
RGB Percent	82%, 70%, 91%
CMY	0.1764, 0.2981, 0.0902
CMYK	0.09, 0.23, 0.00, 0.09
HSL	275°, 54%, 81%
HSV	275°, 23%, 91%
XYZ	57.2678, 51.7664, 83.3108
YIQ	194.3110, 1.4630, 23.0550

# Conversions

## Conversions Part 2

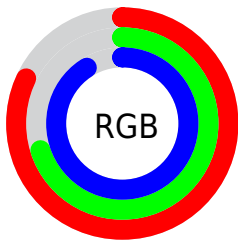
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 179, 232
Decimal	13808616
CIE Lab	77.14, 20.84, -22.34
CIE LCh	77, 30.548, 313.007
Yxy	51.7664, 0.2977, 0.2691
Android (android.graphics.Color)	4291998696 (0xFFD2B3E8)
YUV	194.3110, 18.5807, 13.7593
Hunter-Lab	71.9488, 16.1670, -18.2887

# Details

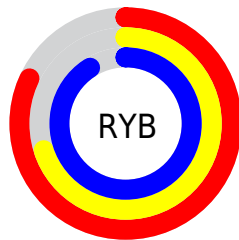
The YIQ color  $194.3110, 1.4630, 23.0550$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $216.6890, -1.4630, -23.0550$ , and the grayscale version is  $194.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.2600, 5.5000, 10.4600$ , and  $140.3710, 1.2340, 21.6980$  is the 20% darker color. If you saturate the color by 10%, you get  $177.8200, 1.8280, 32.9640$ , and if you desaturate by 10%, it is  $210.8020, 1.0980, 13.1460$ .

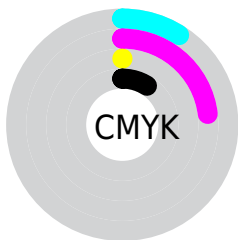
# Distribution



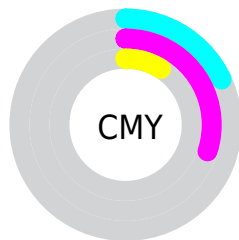
- Red (82%)
- Green (70%)
- Blue (91%)



- Red (82%)
- Yellow (70%)
- Blue (91%)



- Cyan (9%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (30%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 194.3110, 1.4630, 23.0550 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 194.3110, 1.4630, 23.0550 by changing the saturation by 10% instead.



■ 194.3110, 1.4630,  
23.0550

■ 194.3110, 1.4630,  
23.0550

255.0000, -0.0000,  
-0.0000

■ 166.8980, 1.1880,  
22.5320

■ 243.2600, 5.5000,  
10.4600

■ 140.3710, 1.2340,  
21.6980

■ 114.8440, 1.2800,  
20.8640

■ 90.1320, 0.4090,  
20.1290

■ 66.4910, 0.7760,  
18.9840

■ 43.6650, 0.2260,  
17.9380

■ 21.9530, -0.6450,

17.2030

■ 4.0180, -8.4380,  
9.7540

■ 0.0000, 0.0000,  
0.0000

■ 194.3110, 1.4630,  
23.0550

■ 194.3110, 1.4630,  
23.0550

■ 177.8200, 1.8280,  
32.9640

■ 210.8020, 1.0980,  
13.1460

■ 161.6280, 2.7890,  
43.0850

■ 226.9940, 0.1370,  
3.0250

■ 144.5500, 3.4290,  
53.5170

■ 244.0720, -0.5030,  
-7.4070

■ 128.3580, 4.3900,  
63.6380

■ 250.2850, 3.2110,  
-8.6370

■ 111.8670, 4.7550,  
73.5470

■ 252.3780, 7.3830,  
-7.1530

■ 95.3760, 5.1200,  
83.4560

■ 79.1840, 6.0810,  
93.5770

■ 67.1120, 6.5840,  
100.9840

# Harmonies

## Analogous

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



190.3010, -28.1080, 13.8120



194.3110, 1.4630, 23.0550



195.2400, 26.5880, 24.7640

# Triad

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



194.3110, 1.4630, 23.0550



190.3140, 39.7980, -5.4020



176.2420, -57.1240, -22.0200

# Complementary

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



194.3110, 1.4630, 23.0550



216.6890, -1.4630, -23.0550

# 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.



180.1230, -32.0440, -25.0040



194.3110, 1.4630, 23.0550



187.8830, 21.5980, -16.9780

# Square

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



194.3110, 1.4630, 23.0550



192.2370, 47.8650, 8.0970



183.9060, -3.5720, -23.3800



177.1350, -66.7080, -13.5240



# Rectangle

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



194.3110, 1.4630, 23.0550



194.8900, 39.1970, 22.0210



183.9060, -3.5720, -23.3800



177.1950, -49.7420, -23.6460

# Sweetspot

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



194.3110, 1.4630, 23.0550



242.3410, 0.7780, 7.9300



197.9560, -23.0630, 4.9770



120.0480, 0.0450, 4.6930



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.



194.3110, 1.4630, 23.0550



205.8260, 1.6910, 29.9390



200.4330, 15.8590, 26.4750



106.4610, 0.3200, 5.2160



51.8010, 5.1210, 77.9290



14.7840, 1.5090, 22.2210



# Inverse Universe

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



197.3550, 24.5260, 18.0780



209.9370, 31.8150, 23.6470



210.5670, -15.8590, -26.4750



107.1580, 5.5470, 4.0990



61.9570, 82.9300, 60.9620

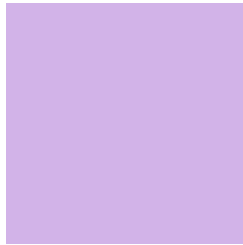


17.6430, 23.6550, 17.3430



# Previews

## White Background



This preview shows how the YIQ color 194.3110, 1.4630, 23.0550 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

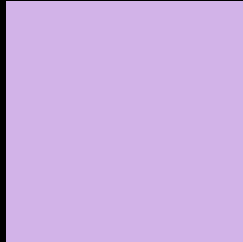
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 194.3110, 1.4630, 23.0550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

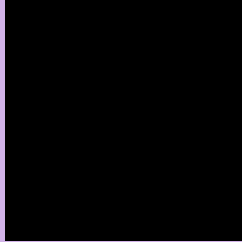
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 194.3110, 1.4630, 23.0550

## Background



This preview shows how black text looks on a background with the YIQ color 194.3110, 1.4630, 23.0550.



This preview shows how white text looks on a background with the YIQ color 194.3110, 1.4630,

23.0550.

# 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

194.3110, 1.4630, 23.0550

### Protanopia

191.4110, -22.6060, 13.2180

### Deuteranopia

192.0270, -12.6570, 14.6310



## Tritanopia

192.5760, 7.4260, 8.5940

# Trichromacy



## Original Color

194.3110, 1.4630, 23.0550

## Protanomaly

192.3090, -13.3910, 16.9210

## Deuteranomaly

192.6580, -7.0640, 17.8960

## Tritanomaly

193.3680, 5.3160, 13.7960

# Monochromacy



## Original Color

194.3110, 1.4630, 23.0550

## Achromatopsia

194.0000, -0.0000, 0.0000

## Achromatomaly

194.4550, 0.4570, 8.2410

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 194.3110, 1.4630, 23.0550 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(210, 179, 232)` looks like.

```
.text, #text, p{  
    color:rgb(210, 179, 232)  
}
```

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(210, 179, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 179, 232) }
```

## Border

The CSS property to change the border of an element to YIQ 194.3110, 1.4630, 23.0550 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(210, 179, 232) }
```



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

```
.border{ border-color:rgb(210, 179, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 179, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 179, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 179, 232);  
box-shadow:4px 4px 4px 4px rgb(210, 179,  
232) }
```

# Background

The CSS property to change the background color of an element to YIQ 194.3110, 1.4630, 23.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 179, 232) }
```

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

```
.background{ background-color: rgb(210,  
179, 232) }
```

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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