

# Converting Colors

YIQ(193.1680, 17.9230, 22.1070)

Have a look what the booklet for  
YIQ(193.1680, 17.9230, 22.1070)  
contains.

<b>YIQ(193.1680, 17.9230, 22.1070)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(193.1680, 17.9230,  
22.1070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0AED3
RGB	224, 174, 211
RGB Percent	88%, 68%, 83%
CMY	0.1214, 0.3177, 0.1725
CMYK	0.00, 0.22, 0.06, 0.12
HSL	316°, 45%, 78%
HSV	316°, 22%, 88%
XYZ	57.6429, 50.8208, 68.4064
YIQ	193.1680, 17.9230, 22.1070

# Conversions

## Conversions Part 2

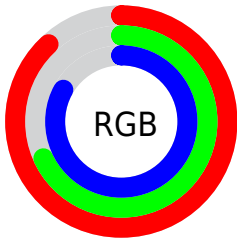
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 174, 211
Decimal	14724819
CIE <sub>Lab</sub>	76.57, 24.22, -11.69
CIE <sub>LCh</sub>	77, 26.890, 334.232
Yxy	50.8208, 0.3259, 0.2873
Android (android.graphics.Color)	4292914899 (0xFFE0AED3)
YUV	193.1680, 8.7912, 27.0397
Hunter-Lab	71.2887, 19.5771, -6.9907

# Details

The YIQ color  $193.1680, 17.9230, 22.1070$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $204.8320, -17.9230, -22.1070$ , and the grayscale version is  $193.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $240.3250, 6.8750, 13.0750$ , and  $139.0430, 16.7770, 20.8490$  is the 20% darker color. If you saturate the color by 10%, you get  $179.5700, 25.8990, 31.7470$ , and if you desaturate by 10%, it is  $206.7660, 9.9470, 12.4670$ .

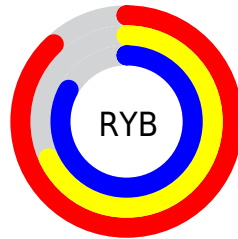
# Distribution



Red (88%)

Green (68%)

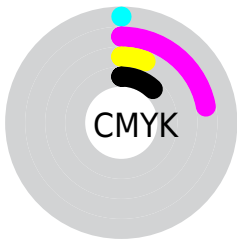
Blue (83%)



Red (88%)

Yellow (68%)

Blue (83%)

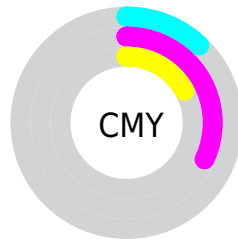


Cyan (0%)

Magenta (22%)

Yellow (6%)

Black (12%)



Cyan (12%)

Magenta (32%)


Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 193.1680, 17.9230, 22.1070 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 193.1680, 17.9230, 22.1070 by changing the saturation by 10% instead.




 193.1680, 17.9230,  
22.1070


 193.1680, 17.9230,  
22.1070


255.0000, -0.0000,  
-0.0000


 165.7550, 17.6480,  
21.5840


 240.3250, 6.8750,  
13.0750

 139.0430, 16.7770,  
20.8490

 113.3310, 15.9060,  
20.1140

 88.6190, 15.0350,  
19.3790

 64.9070, 14.1640,  
18.6440

 41.6080, 13.5680,  
18.4320

 19.3090, 12.9720,

18.2200

■ 6.6790, 5.6380,  
7.9580

■ 0.0000, 0.0000,  
0.0000

■ 193.1680, 17.9230,  
22.1070

■ 193.1680, 17.9230,  
22.1070

■ 179.5700, 25.8990,  
31.7470

■ 206.7660, 9.9470,  
12.4670

■ 165.3850, 34.1500,  
41.9100

■ 220.9510, 1.6960,  
2.3040

■ 151.9010, 41.8050,  
51.8610

■ 234.5490, -6.2800,  
-7.3360

■ 137.7160, 50.0560,  
62.0240

■ 243.3370,  
-11.7350, -13.1030

■ 124.1180, 58.0320,  
71.6640

■ 244.0210,  
-13.6610, -11.2370

■ 110.5200, 66.0080,  
81.3040

■ 244.7050,  
-15.5870, -9.3710

■ 96.3350, 74.2590,  
91.4670

■ 245.3890,  
-17.5130, -7.5050

■ 85.9000, 80.2180,  
99.1140

■ 245.7310,  
-18.4760, -6.5720

# Harmonies

## Analogous

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



191.3700, -6.1930, 18.6310



193.1680, 17.9230, 22.1070



192.7430, 35.1170, 18.8690

# Triad

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



193.1680, 17.9230, 22.1070



187.1980, 25.2650, -11.8470



177.8820, -55.7500, -13.8780

# Complementary

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



193.1680, 17.9230, 22.1070



204.8320, -17.9230, -22.1070

# 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.



178.1250, -43.5530, -20.1690



193.1680, 17.9230, 22.1070



184.4340, 3.8090, -19.4790

# Square

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



193.1680, 17.9230, 22.1070



189.7640, 38.6510, -1.1330



181.2770, -20.6740, -21.8100



181.6690, -50.2960, -2.5840



# Rectangle

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



193.1680, 17.9230, 22.1070



192.1040, 41.1700, 13.7940



181.2770, -20.6740, -21.8100



177.5570, -53.4570, -16.8890

# Sweetspot

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



193.1680, 17.9230, 22.1070



243.8640, 6.5550, 7.8590



183.2880, -8.8980, 18.0940



121.2010, 3.9880, 4.8200



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.



193.1680, 17.9230, 22.1070



212.4450, 24.7530, 30.4890



190.3180, 25.9480, 14.3320



105.2010, 3.9880, 4.8200



67.4440, 63.1660, 77.7420



18.4560, 17.0520, 21.3720



# Inverse Universe

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



193.1680, 17.9230, 22.1070



212.4450, 24.7530, 30.4890



207.6820, -25.9480, -14.3320



105.2010, 3.9880, 4.8200



67.4440, 63.1660, 77.7420



18.4560, 17.0520, 21.3720



# Previews

## White Background



This preview shows how the YIQ color 193.1680, 17.9230, 22.1070 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

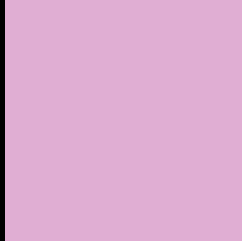
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 193.1680, 17.9230, 22.1070 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

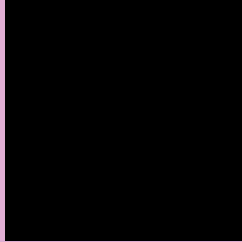
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 193.1680, 17.9230, 22.1070

## Background



This preview shows how black text looks on a background with the YIQ color 193.1680, 17.9230, 22.1070.



This preview shows how white text looks on a background with the YIQ color 193.1680, 17.9230,



# 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

193.1680, 17.9230, 22.1070

### Protanopia

190.1530, -13.2520, 8.8920

### Deuteranopia

191.0360, 0.3190, 10.7430



## Tritanopia

191.7520, 21.7300, 13.6820

# Trichromacy



## Original Color

193.1680, 17.9230, 22.1070

## Protanomaly

191.3610, -1.9740, 13.7540

## Deuteranomaly

191.4930, 6.4620, 15.0540

## Tritanomaly

192.2620, 20.3540, 16.5940

# Monochromacy



## Original Color

193.1680, 17.9230, 22.1070

## Achromatopsia

193.0000, -0.0000, -0.0000

## Achromatomaly

192.9780, 6.2340, 8.1700

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 193.1680, 17.9230, 22.1070 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(224, 174, 211)` looks like.

```
.text, #text, p{  
    color:rgb(224, 174, 211)  
}
```

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(224, 174, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 174, 211) }
```

## Border

The CSS property to change the border of an element to YIQ 193.1680, 17.9230, 22.1070 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(224, 174, 211) }
```



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

```
.border{ border-color:rgb(224, 174, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 174, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 174, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 174, 211);  
box-shadow:4px 4px 4px 4px rgb(224, 174,  
211) }
```

# Background

The CSS property to change the background color of an element to YIQ 193.1680, 17.9230, 22.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 174, 211) }
```

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

```
.background{ background-color: rgb(224,  
174, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor