

# Converting Colors

YIQ(193.0260, 15.4470, 22.9270)

Have a look what the booklet for  
YIQ(193.0260, 15.4470, 22.9270)  
contains.

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# Color

**YIQ(193.0260, 15.4470,  
22.9270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEAED7
RGB	222, 174, 215
RGB Percent	87%, 68%, 84%
CMY	0.1293, 0.3177, 0.1568
CMYK	0.00, 0.22, 0.03, 0.13
HSL	309°, 42%, 78%
HSV	309°, 22%, 87%
XYZ	57.5340, 50.7063, 71.0500
YIQ	193.0260, 15.4470, 22.9270

# Conversions

## Conversions Part 2

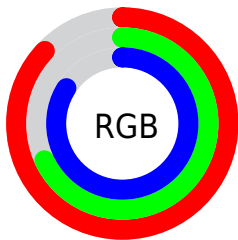
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">222, 174, 215</a>
Decimal	<a href="#">14593751</a>
CIELab	<a href="#">76.50, 24.25, -13.99</a>
CIELCh	<a href="#">77, 27.995, 330.021</a>
Yxy	<a href="#">50.7063, 0.3209, 0.2828</a>
Android (android.graphics.Color)	<a href="#">4292783831 (0xFFDEAED7)</a>
YUV	<a href="#">193.0260, 10.8332, 25.4102</a>
Hunter-Lab	<a href="#">71.2083, 19.6076, -9.3123</a>

# Details

The YIQ color  $193.0260, 15.4470, 22.9270$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $202.9740, -15.4470, -22.9270$ , 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  $138.9010, 14.3010, 21.6690$  is the 20% darker color. If you saturate the color by 10%, you get  $179.7700, 22.4600, 33.5000$ , and if you desaturate by 10%, it is  $206.2820, 8.4340, 12.3540$ .

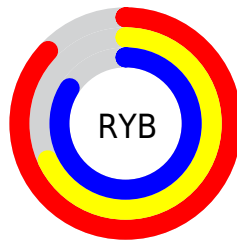
# Distribution



Red (87%)

Green (68%)

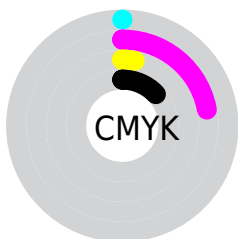
Blue (84%)



Red (87%)

Yellow (68%)

Blue (84%)

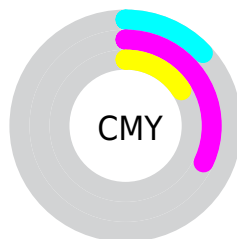


Cyan (0%)

Magenta (22%)

Yellow (3%)

Black (13%)



Cyan (13%)

Magenta (32%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 193.0260, 15.4470, 22.9270 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 193.0260, 15.4470, 22.9270 by changing the saturation by 10% instead.




 193.0260, 15.4470,  
22.9270


 193.0260, 15.4470,  
22.9270


255.0000, -0.0000,  
-0.0000


 165.6130, 15.1720,  
22.4040


 240.3250, 6.8750,  
13.0750

 138.9010, 14.3010,  
21.6690

 113.4880, 14.0260,  
21.1460

 88.7760, 13.1550,  
20.4110

 64.9500, 12.6050,  
19.3650

 41.6510, 12.0090,  
19.1530

 19.3520, 11.4130,

18.9410

■ 6.2380, 2.5660,  
8.5660

■ 0.0000, 0.0000,  
0.0000

■ 193.0260, 15.4470,  
22.9270

■ 193.0260, 15.4470,  
22.9270

■ 179.7700, 22.4600,  
33.5000

■ 206.2820, 8.4340,  
12.3540

■ 166.5140, 29.4730,  
44.0730

■ 219.6520, 1.1000,  
2.0920

■ 152.5570, 37.0820,  
54.8580

■ 233.4950, -6.1880,  
-9.0040

■ 139.3010, 44.0950,  
65.4310

■ 242.0550,  
-11.0010, -15.3930

126.0450, 51.1080,  
76.0040

242.3970,  
-11.9640, -14.4600

112.7890, 58.1210,  
86.5770

242.7390,  
-12.9270, -13.5270

99.4190, 65.4550,  
96.8390

243.1950,  
-14.2110, -12.2830

88.0380, 71.3220,  
106.1540

243.5370,  
-15.1740, -11.3500

243.8790,  
-16.1370, -10.4170

# Harmonies

## Analogous

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



191.1030, -9.8150, 18.1930



193.0260, 15.4470, 22.9270



192.9110, 34.7040, 20.8480

# Triad

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



193.0260, 15.4470, 22.9270



187.5790, 28.5660, -11.0980



176.1590, -58.0880, -15.5600

# Complementary

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



193.0260, 15.4470, 22.9270



202.9740, -15.4470, -22.9270

# 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.



177.6690, -42.2690, -21.4130



193.0260, 15.4470, 22.9270



184.5870, 7.7520, -19.3520

# Square

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



193.0260, 15.4470, 22.9270



189.4870, 40.9890, 0.5490



181.3050, -17.8770, -22.9410



179.8640, -55.3390, -4.8030



# Rectangle

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



193.0260, 15.4470, 22.9270



191.4570, 41.6740, 15.6740



181.3050, -17.8770, -22.9410



176.3180, -54.2820, -18.4580

# Sweetspot

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



193.0260, 15.4470, 22.9270



245.9670, 4.7670, 7.2230



181.2660, -11.8320, 16.2000



122.4890, 3.1170, 4.0850



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.



193.0260, 15.4470, 22.9270



215.1180, 21.3600, 31.4080



190.4040, 22.8300, 15.7740



105.4290, 3.3460, 5.4420



69.7240, 56.7460, 83.9620



19.0260, 15.4470, 22.9270



# Inverse Universe

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



193.0260, 15.4470, 22.9270



215.1180, 21.3600, 31.4080



205.5960, -22.8300, -15.7740



105.4290, 3.3460, 5.4420



69.7240, 56.7460, 83.9620



19.0260, 15.4470, 22.9270



# Previews

## White Background



This preview shows how the YIQ color 193.0260, 15.4470, 22.9270 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

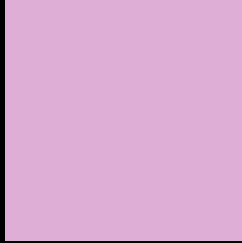
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 193.0260, 15.4470, 22.9270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

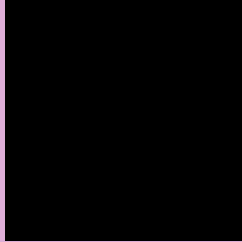
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 193.0260, 15.4470, 22.9270

## Background



This preview shows how black text looks on a background with the YIQ color 193.0260, 15.4470, 22.9270.



This preview shows how white text looks on a background with the YIQ color 193.0260, 15.4470,

22.9270.

# 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

193.0260, 15.4470, 22.9270

### Protanopia

189.7230, -14.8570, 10.4470

### Deuteranopia

190.8940, -2.1570, 11.5630



## Tritanopia

191.8550, 19.9420, 13.0460

# Trichromacy



## Original Color

193.0260, 15.4470, 22.9270

## Protanomaly

190.9310, -3.5790, 15.3090

## Deuteranomaly

191.3510, 3.9860, 15.8740

## Tritanomaly

192.4790, 18.2450, 16.2690

# Monochromacy



## Original Color

193.0260, 15.4470, 22.9270

## Achromatopsia

193.0000, -0.0000, -0.0000

## Achromatomaly

193.0920, 5.9130, 8.4810

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 193.0260, 15.4470, 22.9270 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(222, 174, 215)` looks like.

```
.text, #text, p{  
    color:rgb(222, 174, 215)  
}
```

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(222, 174, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 174, 215) }
```

## Border

The CSS property to change the border of an element to YIQ 193.0260, 15.4470, 22.9270 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(222, 174, 215) }
```



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

```
.border{ border-color:rgb(222, 174, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 174, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 174, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 174, 215);  
box-shadow:4px 4px 4px 4px rgb(222, 174,  
215) }
```

# Background

The CSS property to change the background color of an element to YIQ 193.0260, 15.4470, 22.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 174, 215) }
```

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

```
.background{ background-color: rgb(222,  
174, 215) }
```

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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