

# Converting Colors

YIQ(197.0840, 9.5320, 25.5000)

Have a look what the booklet for  
YIQ(197.0840, 9.5320, 25.5000)  
contains.

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# Color

**YIQ(197.0840, 9.5320,  
25.5000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEB2E6
RGB	222, 178, 230
RGB Percent	87%, 70%, 90%
CMY	0.1293, 0.3020, 0.0980
CMYK	0.03, 0.23, 0.00, 0.10
HSL	291°, 51%, 80%
HSV	291°, 23%, 90%
XYZ	60.3345, 53.0817, 81.9283
YIQ	197.0840, 9.5320, 25.5000

# Conversions

## Conversions Part 2

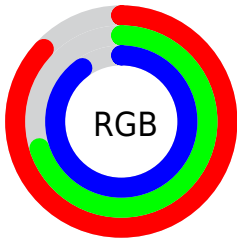
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	222, 178, 230
Decimal	14594790
CIE Lab	77.92, 24.87, -19.97
CIE LCh	78, 31.899, 321.235
Yxy	53.0817, 0.3089, 0.2717
Android (android.graphics.Color)	4292784870 (0xFFDEB2E6)
YUV	197.0840, 16.2276, 21.8513
Hunter-Lab	72.8572, 20.3192, -15.6718

# Details

The YIQ color  $197.0840, 9.5320, 25.5000$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $210.9160, -9.5320, -25.5000$ , and the grayscale version is  $197.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $242.6730, 5.7750, 10.9830$ , and  $142.8450, 8.7070, 23.9310$  is the 20% darker color. If you saturate the color by 10%, you get  $182.6860, 14.0690, 36.8930$ , and if you desaturate by 10%, it is  $211.7810, 5.5910, 14.3190$ .

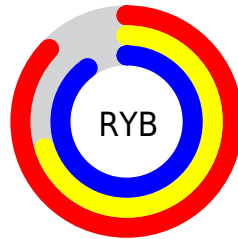
# Distribution



Red (87%)

Green (70%)

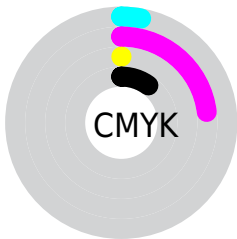
Blue (90%)



Red (87%)

Yellow (70%)

Blue (90%)

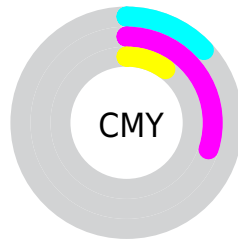


Cyan (3%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (13%)

Magenta (30%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 197.0840, 9.5320, 25.5000 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 197.0840, 9.5320, 25.5000 by changing the saturation by 10% instead.



■ 197.0840, 9.5320,  
25.5000

■ 197.0840, 9.5320,  
25.5000

255.0000, -0.0000,  
-0.0000

■ 169.6710, 9.2570,  
24.9770

■ 242.6730, 5.7750,  
10.9830

■ 142.8450, 8.7070,  
23.9310

■ 117.4320, 8.4320,  
23.4080

■ 92.0190, 8.1570,  
22.8850

■ 68.1930, 7.6070,  
21.8390

■ 45.3670, 7.0570,  
20.7930

■ 22.6550, 6.1860,

20.0580

■ 9.2860, 2.6110,  
13.2590

■ 0.0000, 0.0000,  
0.0000

■ 197.0840, 9.5320,  
25.5000

■ 197.0840, 9.5320,  
25.5000

■ 182.6860, 14.0690,  
36.8930

■ 211.7810, 5.5910,  
14.3190

■ 167.9890, 18.0100,  
48.0740

■ 226.1790, 1.0540,  
2.9260

■ 153.2920, 21.9510,  
59.2550

■ 240.8760, -2.8870,  
-8.2550

■ 138.8940, 26.4880,  
70.6480

■ 246.4690, -3.2990,  
-11.8030

124.1970, 30.4290,  
81.8290

247.6650, -0.9150,  
-10.9550

109.7990, 34.9660,  
93.2220

248.5620, 0.8730,  
-10.3190

95.1020, 38.9070,  
104.4030

249.7580, 3.2570,  
-9.4710

84.5250, 42.3900,  
112.8700

250.6550, 5.0450,  
-8.8350

251.8510, 7.4290,  
-7.9870

# Harmonies

## Analogous

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



193.9430, -21.0480, 18.0240



197.0840, 9.5320, 25.5000



196.7740, 33.8320, 25.6400

# Triad

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



197.0840, 9.5320, 25.5000



192.0100, 37.5980, -9.5860



177.1640, -65.6520, -21.6520

# Complementary

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



197.0840, 9.5320, 25.5000



210.9160, -9.5320, -25.5000

# 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.



180.6210, -42.3140, -26.1060



197.0840, 9.5320, 25.5000



188.6650, 16.2800, -19.7200

# Square

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



197.0840, 9.5320, 25.5000



194.0150, 48.3700, 4.4500



185.2470, -11.9620, -25.5140



179.4600, -69.0010, -10.5130



# Rectangle

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



197.0840, 9.5320, 25.5000



196.4730, 44.7450, 20.5930



185.2470, -11.9620, -25.5140



177.8180, -58.8660, -23.4900

# Sweetspot

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



197.0840, 9.5320, 25.5000



243.5370, 3.1620, 8.7780



189.2110, -19.1670, 11.4650



120.9450, 1.8330, 5.3290



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.



197.0840, 9.5320, 25.5000



211.2080, 12.4190, 33.7550



197.5380, 19.7570, 21.9090



107.3580, 2.1080, 5.8520



65.5550, 32.5370, 87.6810



18.6710, 9.2570, 24.9770



# Inverse Universe

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



194.4600, 28.4240, 13.5120



207.8850, 37.5930, 18.0490



210.4620, -19.7570, -21.9090



106.8160, 6.5100, 3.1660



56.5990, 98.0170, 46.3450



16.1610, 27.8280, 13.3000



# Previews

## White Background



This preview shows how the YIQ color 197.0840, 9.5320, 25.5000 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

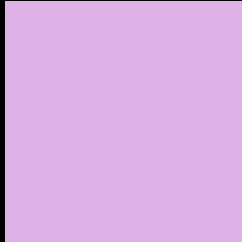
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 197.0840, 9.5320, 25.5000 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

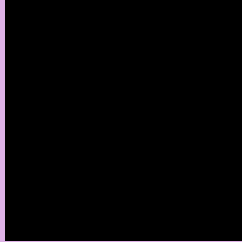
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 197.0840, 9.5320, 25.5000

## Background



This preview shows how black text looks on a background with the YIQ color 197.0840, 9.5320, 25.5000.



This preview shows how white text looks on a background with the YIQ color 197.0840, 9.5320,

25.5000.

# 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

197.0840, 9.5320, 25.5000

### Protanopia

193.7810, -20.7720, 13.0200

### Deuteranopia

194.3540, -9.2640, 13.7120



## Tritanopia

195.4630, 15.1740, 11.3500

# Trichromacy



**Original Color**

197.0840, 9.5320, 25.5000

**Protanomaly**

194.9890, -9.4940, 17.8820

**Deuteranomaly**

195.1100, -2.5250, 18.2350

**Tritanomaly**

196.2550, 13.0640, 16.5520

# Monochromacy



**Original Color**

197.0840, 9.5320, 25.5000

**Achromatopsia**

197.0000, -0.0000, -0.0000

**Achromatomaly**

196.9500, 3.4370, 9.3010

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 197.0840, 9.5320, 25.5000 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, 178, 230)` looks like.

```
.text, #text, p{  
    color:rgb(222, 178, 230)  
}
```

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, 178, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 178, 230) }
```

## Border

The CSS property to change the border of an element to YIQ 197.0840, 9.5320, 25.5000 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, 178, 230) }
```



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

```
.border{ border-color:rgb(222, 178, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 178, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 178, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 178, 230);  
box-shadow:4px 4px 4px 4px rgb(222, 178,  
230) }
```

# Background

The CSS property to change the background color of an element to YIQ 197.0840, 9.5320, 25.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 178, 230) }
```

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

```
.background{ background-color: rgb(222,  
178, 230) }
```

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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