

# Converting Colors

YIQ(139.1150, -0.9210, 22.2070)

Have a look what the booklet for  
YIQ(139.1150, -0.9210, 22.2070)  
contains.

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# Color

**YIQ(139.1150, -0.9210,  
22.2070)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	987DB2
RGB	152, 125, 178
RGB Percent	60%, 49%, 70%
CMY	0.4038, 0.5098, 0.3020
CMYK	0.15, 0.30, 0.00, 0.30
HSL	271°, 26%, 59%
HSV	271°, 30%, 70%
XYZ	28.3205, 24.5561, 45.3606
YIQ	139.1150, -0.9210, 22.2070

# Conversions

## Conversions Part 2

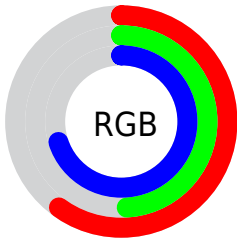
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 125, 178
Decimal	9993650
CIELab	56.64, 20.85, -24.13
CIELCh	57, 31.892, 310.832
Yxy	24.5561, 0.2883, 0.2500
Android (android.graphics.Color)	4288183730 (0xFF987DB2)
YUV	139.1150, 19.1703, 11.3001
Hunter-Lab	49.5541, 15.2942, -19.5848

# Details

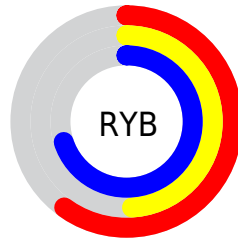
The YIQ color  $139.1150, -0.9210, 22.2070$  is a light color, and the websafe version is hex  $996699$ . A complement of this color would be  $163.8850, 0.9210, -22.2070$ , and the grayscale version is  $139.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $193.0550, -0.6920, 23.5640$ , and  $88.7620, -1.4250, 20.3270$  is the 20% darker color. If you saturate the color by 10%, you get  $125.8580, -1.3350, 29.7130$ , and if you desaturate by 10%, it is  $152.3720, -0.5070, 14.7010$ .

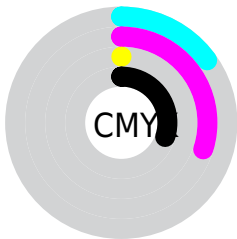
# Distribution



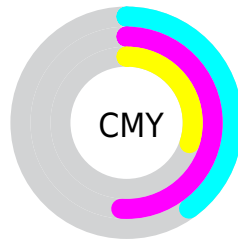
- Red (60%)
- Green (49%)
- Blue (70%)



- Red (60%)
- Yellow (49%)
- Blue (70%)



- Cyan (15%)
- Magenta (30%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (51%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 139.1150, -0.9210, 22.2070 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 139.1150, -0.9210, 22.2070 by changing the saturation by 10% instead.



139.1150, -0.9210,  
22.2070

139.1150, -0.9210,  
22.2070

255.0000, -0.0000,  
-0.0000

113.5880, -0.8750,  
21.3730

193.0550, -0.6920,  
23.5640

88.7620, -1.4250,  
20.3270

219.6700, 1.8300,  
21.9100

65.2350, -1.3790,  
19.4930

242.6730, 5.7750,  
10.9830

42.4090, -1.9290,  
18.4470

20.5830, -2.4790,  
17.4010

3.5340, -9.9510,  
9.6410

0.3420, -0.9630,

0.9330

0.0000, 0.0000,  
0.0000

139.1150, -0.9210,  
22.2070

139.1150, -0.9210,  
22.2070

125.8580, -1.3350,  
29.7130

152.3720, -0.5070,  
14.7010

112.9000, -1.1530,  
37.4310

165.3300, -0.6890,  
6.9830

100.2300, -1.8420,  
44.4140

178.0000, -0.0000,  
-0.0000

86.9730, -2.2560,  
51.9200

191.2570, 0.4140,  
-7.5060

73.7160, -2.6700,  
59.4260

204.5140, 0.8280,  
-15.0120

60.7580, -2.4880,  
67.1440

217.4720, 0.6460,  
-22.7300

47.5010, -2.9020,  
74.6500

230.7290, 1.0600,  
-30.2360

236.3550, 5.0490,  
-30.9430

239.0460, 10.4130,  
-29.0350

# Harmonies

## Analogous

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



134.3930, -31.3630, 12.2290



139.1150, -0.9210, 22.2070



139.8700, 24.7540, 24.9620

# Triad

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



139.1150, -0.9210, 22.2070



135.2430, 38.5600, -4.9920



116.8280, -64.8260, -25.6100

# Complementary

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



139.1150, -0.9210, 22.2070



163.8850, 0.9210, -22.2070

# 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.



124.4220, -31.4480, -24.7920



139.1150, -0.9210, 22.2070



132.7090, 22.1480, -15.9320

# Square

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



139.1150, -0.9210, 22.2070



136.9810, 45.7100, 8.6060



129.8030, -1.7840, -22.7440



112.0400, -85.7340, -21.1420



# Rectangle

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



139.1150, -0.9210, 22.2070



138.6340, 37.0420, 22.5300



129.8030, -1.7840, -22.7440



119.9880, -53.5930, -25.4410

# Sweetspot

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



139.1150, -0.9210, 22.2070



216.6830, -0.1850, 8.8630



146.3040, -24.1630, 2.8850



107.5750, -0.0010, 5.5270



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



139.1150, -0.9210, 22.2070



171.0200, -1.6110, 34.7170



146.8890, 14.5750, 27.7190



82.5210, 0.0910, 3.8590



40.7640, -2.6250, 64.1190



6.8510, -0.5980, 10.8420



# Inverse Universe

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



143.8110, 23.2420, 19.3220



178.3770, 36.6280, 30.0360



156.1110, -14.5750, -27.7190



83.2610, 3.7590, 3.4630



54.2970, 67.1130, 55.7610



9.1420, 11.6440, 9.2440



# Previews

## White Background



This preview shows how the YIQ color 139.1150, -0.9210, 22.2070 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 139.1150, -0.9210, 22.2070 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

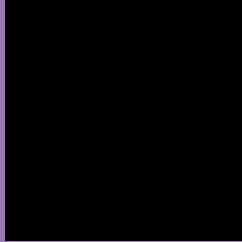
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**YIQ 139.1150, -0.9210, 22.2070**

## **Background**



This preview shows how black text looks on a background with the YIQ color 139.1150, -0.9210, 22.2070.



This preview shows how white text looks on a background with the YIQ color 139.1150, -0.9210,



# 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

139.1150, -0.9210, 22.2070

### Protanopia

135.9270, -24.1190, 13.1050

### Deuteranopia

136.9940, -17.0580, 11.7900



## Tritanopia

137.3260, 5.1340, 6.0780

# Trichromacy



## Original Color

139.1150, -0.9210, 22.2070

## Protanomaly

137.1130, -15.7750, 16.0730

## Deuteranomaly

138.0380, -11.1900, 15.5780

## Tritanomaly

137.6450, 2.9780, 12.1140

# Monochromacy



## Original Color

139.1150, -0.9210, 22.2070

## Achromatopsia

139.0000, -0.0000, 0.0000

## Achromatomaly

139.1560, -0.1390, 8.0290

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 139.1150, -0.9210, 22.2070 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(152, 125, 178)` looks like.

```
.text, #text, p{  
    color:rgb(152, 125, 178)  
}
```

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(152, 125, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 125, 178) }
```

## Border

The CSS property to change the border of an element to YIQ 139.1150, -0.9210, 22.2070 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(152, 125, 178) }
```



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

```
.border{ border-color:rgb(152, 125, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 125, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 125, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 125, 178);  
box-shadow:4px 4px 4px 4px rgb(152, 125,  
178) }
```

# Background

The CSS property to change the background color of an element to YIQ 139.1150, -0.9210, 22.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 125, 178) }
```

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

```
.background{ background-color: rgb(152,  
125, 178) }
```

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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