

# Converting Colors

YIQ(137.7750, 42.4000, 57.6000)

Have a look what the booklet for  
YIQ(137.7750, 42.4000, 57.6000)  
contains.

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# Color

**YIQ(137.7750, 42.4000,  
57.6000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D659BD
RGB	214, 89, 189
RGB Percent	84%, 35%, 74%
CMY	0.1604, 0.6512, 0.2587
CMYK	0.00, 0.58, 0.12, 0.16
HSL	312°, 60%, 59%
HSV	312°, 58%, 84%
XYZ	40.5142, 25.1211, 50.8708
YIQ	137.7750, 42.4000, 57.6000

# Conversions

## Conversions Part 2

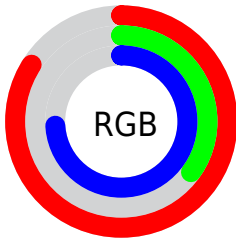
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 89, 189
Decimal	14047677
CIE Lab	57.19, 60.80, -29.00
CIE LCh	57, 67.365, 334.505
Yxy	25.1211, 0.3477, 0.2156
Android (android.graphics.Color)	4292237757 (0xFFD659BD)
YUV	137.7750, 25.2539, 66.8493
Hunter-Lab	50.1210, 56.5748, -25.0923

# Details

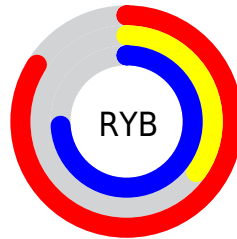
The YIQ color **137.7750, 42.4000, 57.6000** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **165.2250, -42.4000, -57.6000**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4040, 33.1390, 54.7310**, and **77.8830, 42.2160, 60.9360** is the 20% darker color. If you saturate the color by 10%, you get **124.9920, 49.4590, 67.3390**, and if you desaturate by 10%, it is **150.5580, 35.3410, 47.8610**.

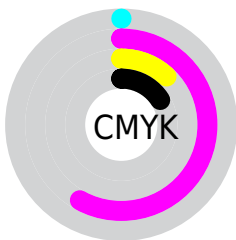
# Distribution



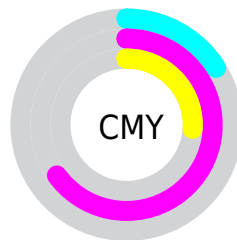
- Red (84%)
- Green (35%)
- Blue (74%)



- Red (84%)
- Yellow (35%)
- Blue (74%)



- Cyan (0%)
- Magenta (58%)
- Yellow (12%)
- Black (16%)



- Cyan (16%)
- Magenta (65%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 137.7750, 42.4000, 57.6000 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 137.7750, 42.4000, 57.6000 by changing the saturation by 10% instead.



137.7750, 42.4000,  
57.6000

137.7750, 42.4000,  
57.6000

255.0000, -0.0000,  
-0.0000

109.0030, 41.7580,  
58.2220

189.4040, 33.1390,  
54.7310

77.8830, 42.2160,  
60.9360

206.8660, 22.5500,  
42.8860

50.8120, 40.9780,  
61.3460

223.8890, 14.5750,  
27.7190

39.8890, 32.9110,  
47.8470

240.9120, 6.6000,  
12.5520

29.0800, 24.5230,  
34.6590

19.0970, 16.6850,  
22.5170

3.9170, -0.9640,

6.4600

0.0000, 0.0000,  
0.0000

137.7750, 42.4000,  
57.6000

137.7750, 42.4000,  
57.6000

124.9920, 49.4590,  
67.3390

150.5580, 35.3410,  
47.8610

111.5080, 57.1140,  
77.2900

164.0420, 27.6860,  
37.9100

98.7250, 64.1730,  
87.0290

176.8250, 20.6270,  
28.1710

85.3550, 71.5070,  
97.2910

190.1950, 13.2930,  
17.9090

83.4800, 72.6530,  
98.5490

202.9780, 6.2340,  
8.1700

■ 215.8750, -1.1460,  
-1.2580

■ 229.2450, -8.4800,  
-11.5200

■ 239.0930,  
-14.1640, -18.6440

■ 239.6630,  
-15.7690, -17.0890

# Harmonies

## Analogous

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



139.7210, -19.4020, 43.2700



137.7750, 42.4000, 57.6000



130.1320, 80.6390, 52.9190

# Triad

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



137.7750, 42.4000, 57.6000



127.9490, 55.6220, -38.8900



118.8230, -109.9880, -22.1160

# Complementary

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



137.7750, 42.4000, 57.6000



165.2250, -42.4000, -57.6000

# 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.



112.7980, -91.6450, -40.6770



137.7750, 42.4000, 57.6000



120.2510, 7.4370, -52.2030

# Square

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



137.7750, 42.4000, 57.6000



130.6670, 83.8600, -10.9880



104.0830, -71.2390, -58.0790



119.8610, -121.1780, -6.5380



# Rectangle

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



137.7750, 42.4000, 57.6000



129.7950, 91.2330, 37.1290



104.0830, -71.2390, -58.0790



117.3580, -104.4850, -28.2370

# Sweetspot

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



137.7750, 42.4000, 57.6000



226.9720, 15.5390, 21.2590



110.7250, -25.2250, 44.1750



110.2930, 9.9010, 13.3010



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.



137.7750, 42.4000, 57.6000



146.4100, 60.5060, 81.8980



130.5930, 62.6230, 38.0070



100.3150, 3.6670, 5.1310



66.7470, 57.9390, 78.8590



16.8470, 14.3930, 20.0010



# Inverse Universe

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



137.7750, 42.4000, 57.6000



146.4100, 60.5060, 81.8980



172.4070, -62.6230, -38.0070



100.3150, 3.6670, 5.1310



66.7470, 57.9390, 78.8590



16.8470, 14.3930, 20.0010



# Previews

## White Background



This preview shows how the YIQ color 137.7750, 42.4000, 57.6000 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

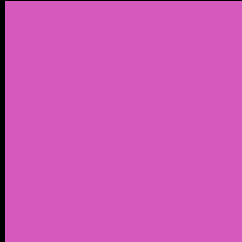
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 137.7750, 42.4000, 57.6000 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

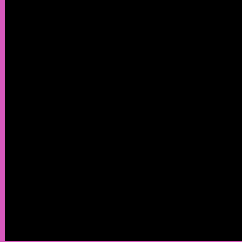
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 137.7750, 42.4000, 57.6000

## Background



This preview shows how black text looks on a background with the YIQ color 137.7750, 42.4000, 57.6000.



This preview shows how white text looks on a background with the YIQ color 137.7750, 42.4000,

57.6000.

# 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

137.7750, 42.4000, 57.6000

### Protanopia

135.2080, -49.4750, 21.0930

### Deuteranopia

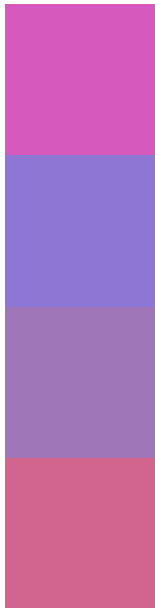
138.4390, -19.8090, 12.0870



## Tritanopia

138.1000, 56.1610, 22.9530

# Trichromacy



## Original Color

137.7750, 42.4000, 57.6000

## Protanomaly

136.0060, -16.1910, 34.6330

## Deuteranomaly

138.3700, 2.9750, 28.6950

## Tritanomaly

137.9660, 51.2070, 35.6470

# Monochromacy



## Original Color

137.7750, 42.4000, 57.6000

## Achromatopsia

138.0000, -0.0000, -0.0000

## Achromatomaly

137.9720, 15.5390, 21.2590

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 137.7750, 42.4000, 57.6000 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(214, 89, 189)` looks like.

```
.text, #text, p{  
    color:rgb(214, 89, 189)  
}
```

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(214, 89, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 89, 189) }
```

## Border

The CSS property to change the border of an element to YIQ 137.7750, 42.4000, 57.6000 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(214, 89, 189) }
```



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

```
.border{ border-color:rgb(214, 89, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 89, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 89, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 89, 189);  
box-shadow:4px 4px 4px 4px rgb(214, 89,  
189) }
```

# Background

The CSS property to change the background color of an element to YIQ 137.7750, 42.4000, 57.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 89, 189) }
```

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

```
.background{ background-color: rgb(214, 89,  
189) }
```

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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