

Converting Colors

YIQ(138.7650, 48.3600, 59.7200)

Have a look what the booklet for
YIQ(138.7650, 48.3600, 59.7200)
contains.

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Color

**YIQ(138.7650, 48.3600,
59.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	DE57BB
RGB	222, 87, 187
RGB Percent	87%, 34%, 73%
CMY	0.1290, 0.6590, 0.2666
CMYK	0.00, 0.61, 0.16, 0.13
HSL	316°, 67%, 61%
HSV	316°, 61%, 87%
XYZ	42.5306, 25.9414, 49.7957
YIQ	138.7650, 48.3600, 59.7200

Conversions

Conversions Part 2

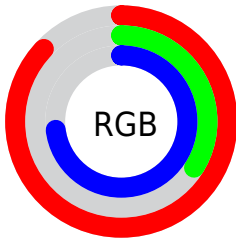
Format	Color
R _Y B	222, 87, 187
Decimal	14571451
CIE Lab	57.98, 63.55, -26.54
CIE LCh	58, 68.867, 337.337
Yxy	25.9414, 0.3596, 0.2193
Android (android.graphics.Color)	4292761531 (0xFFDE57BB)
YUV	138.7650, 23.7799, 72.9971
Hunter-Lab	50.9327, 59.9214, -22.3135

Details

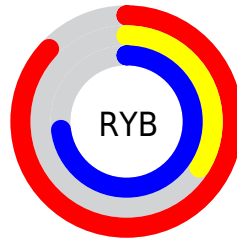
The YIQ color **138.7650, 48.3600, 59.7200** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **170.2350, -48.3600, -59.7200**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.4750, 34.3770, 54.3210**, and **76.6390, 48.9550, 65.4590** is the 20% darker color. If you saturate the color by 10%, you get **125.1670, 56.3360, 69.3600**, and if you desaturate by 10%, it is **152.3630, 40.3840, 50.0800**.

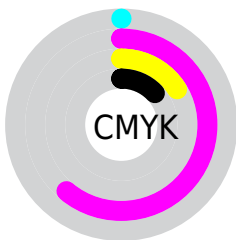
Distribution



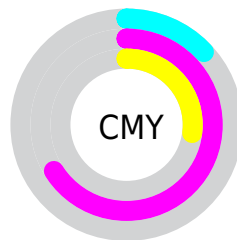
- Red (87%)
- Green (34%)
- Blue (73%)



- Red (87%)
- Yellow (34%)
- Blue (73%)



- Cyan (0%)
- Magenta (61%)
- Yellow (16%)
- Black (13%)



- Cyan (13%)
- Magenta (66%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.7650, 48.3600, 59.7200 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 138.7650, 48.3600, 59.7200 by changing the saturation by 10% instead.

138.7650, 48.3600,
59.7200

138.7650, 48.3600,
59.7200

255.0000, -0.0000,
-0.0000

109.4060, 47.9930,
60.8650

188.4750, 34.3770,
54.3210

76.0520, 49.2300,
65.9820

206.2790, 22.8250,
43.4090

52.6770, 45.7920,
62.2080

223.3020, 14.8500,
28.2420

41.4550, 37.1290,
48.4970

240.3250, 6.8750,
13.0750

30.7600, 28.4200,
35.6200

20.7770, 20.5820,
23.4780

7.8750, 8.0220,

8.8060

■ 0.0000, 0.0000,
0.0000

■ 138.7650, 48.3600,
59.7200

■ 138.7650, 48.3600,
59.7200

■ 125.1670, 56.3360,
69.3600

■ 152.3630, 40.3840,
50.0800

■ 111.6830, 63.9910,
79.3110

■ 165.9610, 32.4080,
40.4400

■ 97.4980, 72.2420,
89.4740

■ 180.0320, 24.4780,
29.9660

■ 85.0740, 79.6680,
98.0680

■ 193.6300, 16.5020,
20.3260

■ 207.2280, 8.5260,
10.6860

■ 220.8260, 0.5500,
1.0460

■ 234.3100, -7.1050,
-8.9050

■ 242.6250,
-12.6060, -13.8380

■ 243.3090,
-14.5320, -11.9720

Harmonies

Analogous

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



142.5370, -12.8920, 46.4360



138.7650, 48.3600, 59.7200



131.4700, 85.4990, 52.9470

Triad

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



138.7650, 48.3600, 59.7200



128.8130, 53.0090, -41.0950



120.9090, -113.1060, -20.6740

Complementary

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



138.7650, 48.3600, 59.7200



170.2350, -48.3600, -59.7200

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.



115.4710, -95.0380, -39.7580



138.7650, 48.3600, 59.7200



121.3750, 1.1560, -54.0120

Square

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



138.7650, 48.3600, 59.7200



131.3480, 86.0160, -17.0240



106.5280, -73.9900, -57.7820



121.3600, -124.0210, -4.5730

Rectangle

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



138.7650, 48.3600, 59.7200



131.4100, 93.7550, 35.4750



106.5280, -73.9900, -57.7820



119.4440, -107.6030, -26.7950

Sweetspot

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



138.7650, 48.3600, 59.7200



226.6300, 16.5020, 20.3260



112.5560, -23.0710, 49.1930



110.0650, 10.5430, 12.6790



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.



138.7650, 48.3600, 59.7200



140.3460, 66.5580, 82.3500



131.2410, 69.5460, 39.1940



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.



138.7650, 48.3600, 59.7200



140.3460, 66.5580, 82.3500



177.7590, -69.5460, -39.1940



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 138.7650, 48.3600, 59.7200 looks on a white background.

Color Contrast Check

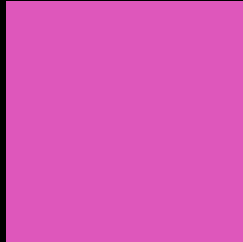
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.7650, 48.3600, 59.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

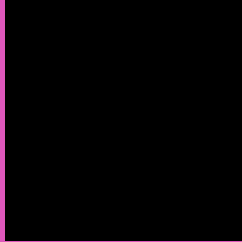
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.7650, 48.3600, 59.7200

Background



This preview shows how black text looks on a background with the YIQ color 138.7650, 48.3600, 59.7200.



This preview shows how white text looks on a background with the YIQ color 138.7650, 48.3600,

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

138.7650, 48.3600, 59.7200

Protanopia

137.3930, -48.5580, 20.9940

Deuteranopia

140.5920, -15.8660, 12.2140



Tritanopia

139.3890, 62.7170, 25.2850

Trichromacy



Original Color

138.7650, 48.3600, 59.7200



Protanomaly

137.9740, -13.1650, 34.8590



Deuteranomaly

139.9360, 7.1930, 29.3450



Tritanomaly

139.2550, 57.7630, 37.9790

Monochromacy



Original Color

138.7650, 48.3600, 59.7200



Achromatopsia

139.0000, -0.0000, 0.0000



Achromatomaly

138.7550, 17.6480, 21.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7650, 48.3600, 59.7200 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, 87, 187)` looks like.

```
.text, #text, p{  
    color:rgb(222, 87, 187)  
}
```

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, 87, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 87, 187) }
```

Border

The CSS property to change the border of an element to YIQ 138.7650, 48.3600, 59.7200 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, 87, 187) }
```


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

```
.border{ border-color:rgb(222, 87, 187) }
```

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

Here you see how a box with a 4 pixel rgb(222, 87, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 87, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 87, 187);  
box-shadow:4px 4px 4px 4px rgb(222, 87,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7650, 48.3600, 59.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 87, 187) }
```

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

```
.background{ background-color: rgb(222, 87,  
187) }
```

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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