

Converting Colors

YIQ(137.8670, 38.0040, 27.1240)

Have a look what the booklet for
YIQ(137.8670, 38.0040, 27.1240)
contains.

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Color

**YIQ(137.8670, 38.0040,
27.1240)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6E8E
RGB	191, 110, 142
RGB Percent	75%, 43%, 56%
CMY	0.2508, 0.5687, 0.4430
CMYK	0.00, 0.42, 0.26, 0.25
HSL	336°, 39%, 59%
HSV	336°, 42%, 75%
XYZ	31.9567, 24.1819, 28.5871
YIQ	137.8670, 38.0040, 27.1240

Conversions

Conversions Part 2

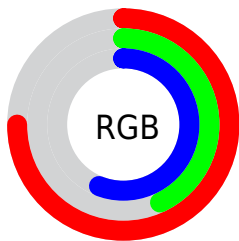
Format	Color
R_{YB}	191, 110, 142
Decimal	12545678
CIE _{Lab}	56.27, 36.17, -3.46
CIE _{LCh}	56, 36.338, 354.531
Yxy	24.1819, 0.3772, 0.2854
Android (android.graphics.Color)	4290735758 (0xFFBF6E8E)
YUV	137.8670, 2.0376, 46.5976
Hunter-Lab	49.1751, 29.9427, -0.0447

Details

The YIQ color **137.8670, 38.0040, 27.1240** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **163.1330, -38.0040, -27.1240**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.4760, 40.6630, 28.4950**, and **86.0730, 34.4280, 25.8520** is the 20% darker color. If you saturate the color by 10%, you get **125.3460, 47.0810, 33.3290**, and if you desaturate by 10%, it is **150.3880, 28.9270, 20.9190**.

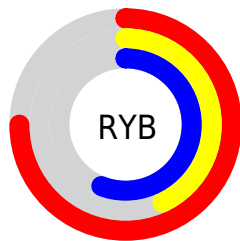
Distribution



Red (75%)

Green (43%)

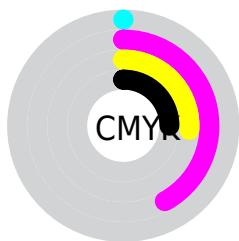
Blue (56%)



Red (75%)

Yellow (43%)

Blue (56%)

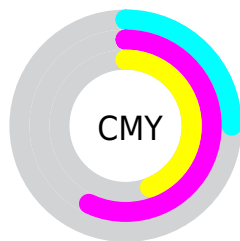


Cyan (0%)

Magenta (42%)

Yellow (26%)

Black (25%)



Cyan (25%)

Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.8670, 38.0040, 27.1240 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 137.8670, 38.0040, 27.1240 by changing the saturation by 10% instead.

137.8670, 38.0040,
27.1240

137.8670, 38.0040,
27.1240

255.0000, -0.0000,
-0.0000

111.2690, 36.8120,
26.7000

192.4760, 40.6630,
28.4950

86.0730, 34.4280,
25.8520

213.8980, 27.5510,
23.8310

60.8880, 33.5110,
25.9510

233.5260, 10.8630,
17.8950

33.5830, 33.0520,
28.7640

250.8910, 1.9250,
3.6610

20.0070, 25.6260,
20.1700

10.2800, 19.9430,
7.5190

0.0000, 0.0000,

0.0000

■ 137.8670, 38.0040,
27.1240

■ 137.8670, 38.0040,
27.1240

■ 125.3460, 47.0810,
33.3290

■ 150.3880, 28.9270,
20.9190

■ 112.9390, 55.8370,
39.8450

■ 162.7950, 20.1710,
14.4030

■ 100.4180, 64.9140,
46.0500

■ 175.3160, 11.0940,
8.1980

■ 88.0110, 73.6700,
52.5660

■ 187.7230, 2.3380,
1.6820

■ 74.9030, 83.0220,
59.2940

■ 200.2440, -6.7390,
-4.5230

■ 65.7730, 89.4400,
64.1280

■ 213.2380,
-15.7700, -11.5620

■ 225.7590,
-24.8470, -17.7670

■ 233.4700,
-31.4030, -20.0990

■ 234.8380,
-35.2550, -16.3670

Harmonies

Analogous

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



138.8180, 13.3370, 28.1290



137.8670, 38.0040, 27.1240



136.0020, 50.3850, 17.4970

Triad

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



137.8670, 38.0040, 27.1240



130.0020, 13.7130, -22.7590



107.4930, -100.1310, -19.0350

Complementary

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



137.8670, 38.0040, 27.1240



163.1330, -38.0040, -27.1240

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.



106.8770, -92.8850, -29.2130



137.8670, 38.0040, 27.1240



125.1430, -17.6010, -27.9450

Square

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



137.8670, 38.0040, 27.1240



132.8310, 36.5440, -12.5120



115.4880, -58.1770, -30.4730



126.4650, -58.2290, 3.5230

Rectangle

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



137.8670, 38.0040, 27.1240



135.0910, 51.2120, 8.0120



115.4880, -58.1770, -30.4730



107.7550, -98.1130, -22.5690

Sweetspot

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



137.8670, 38.0040, 27.1240



226.0500, 14.8990, 10.8270



133.8850, 3.2030, 35.5790



111.8920, 9.3520, 6.7280



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.8670, 38.0040, 27.1240



164.3740, 59.0460, 42.2620



138.9150, 46.0760, 12.9880



88.1470, 4.0800, 3.1520



54.4240, 73.9450, 53.0890



10.6370, 14.6240, 10.3040

Inverse Universe

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



137.8670, 38.0040, 27.1240



164.3740, 59.0460, 42.2620



162.0850, -46.0760, -12.9880



88.1470, 4.0800, 3.1520



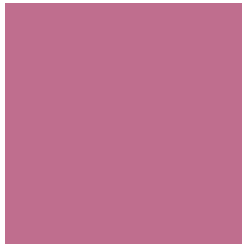
54.4240, 73.9450, 53.0890



10.6370, 14.6240, 10.3040

Previews

White Background



This preview shows how the YIQ color 137.8670, 38.0040, 27.1240 looks on a white background.

Color Contrast Check

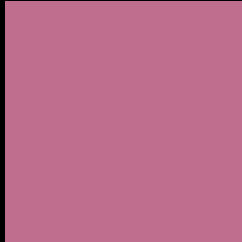
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8670, 38.0040, 27.1240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

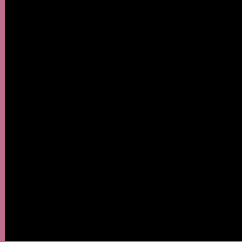
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.8670, 38.0040, 27.1240

Background



This preview shows how black text looks on a background with the YIQ color 137.8670, 38.0040, 27.1240.



This preview shows how white text looks on a background with the YIQ color 137.8670, 38.0040,

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

137.8670, 38.0040, 27.1240

Protanopia

135.7250, -9.1710, 6.5170

Deuteranopia

136.5820, 7.2890, 5.5690



Tritanopia

137.3370, 42.1320, 18.3880

Trichromacy



Original Color

137.8670, 38.0040, 27.1240

Protanomaly

136.4500, 8.0210, 14.3330

Deuteranomaly

136.7840, 18.7040, 13.4560

Tritanomaly

137.8470, 40.7560, 21.3000

Monochromacy



Original Color

137.8670, 38.0040, 27.1240

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.9250, 13.7530, 9.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8670, 38.0040, 27.1240 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(191, 110, 142)` looks like.

```
.text, #text, p{  
    color:rgb(191, 110, 142)  
}
```

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(191, 110, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 110, 142) }
```

Border

The CSS property to change the border of an element to YIQ 137.8670, 38.0040, 27.1240 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(191, 110, 142) }
```


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

```
.border{ border-color:rgb(191, 110, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 110, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 110, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 110, 142);  
box-shadow:4px 4px 4px 4px rgb(191, 110,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8670, 38.0040, 27.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 110, 142) }
```

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

```
.background{ background-color: rgb(191,  
110, 142) }
```

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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