

Converting Colors

YIQ(162.9370, 40.9830, 33.7110)

Have a look what the booklet for
YIQ(162.9370, 40.9830, 33.7110)
contains.

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Color

**YIQ(162.9370, 40.9830,
33.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	DF82AF
RGB	223, 130, 175
RGB Percent	87%, 51%, 69%
CMY	0.1252, 0.4903, 0.3136
CMYK	0.00, 0.42, 0.22, 0.13
HSL	331°, 59%, 69%
HSV	331°, 42%, 87%
XYZ	46.1695, 34.7494, 44.8481
YIQ	162.9370, 40.9830, 33.7110

Conversions

Conversions Part 2

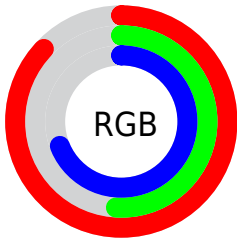
Format	Color
R _Y B	223, 130, 175
Decimal	14647983
CIE Lab	65.55, 41.52, -8.20
CIE LCh	66, 42.325, 348.831
Yxy	34.7494, 0.3671, 0.2763
Android (android.graphics.Color)	4292838063 (0xFFDF82AF)
YUV	162.9370, 5.9471, 52.6753
Hunter-Lab	58.9486, 36.6441, -3.8438

Details

The YIQ color **162.9370, 40.9830, 33.7110** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **190.0630, -40.9830, -33.7110**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.1740, 26.9540, 29.1460**, and **109.4420, 38.0030, 32.6510** is the 20% darker color. If you saturate the color by 10%, you get **148.7690, 50.5640, 41.7960**, and if you desaturate by 10%, it is **177.2190, 31.0810, 25.9370**.

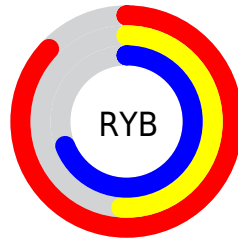
Distribution



Red (87%)

Green (51%)

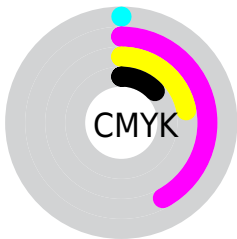
Blue (69%)



Red (87%)

Yellow (51%)

Blue (69%)

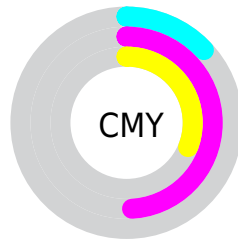


Cyan (0%)

Magenta (42%)

Yellow (22%)

Black (13%)



Cyan (13%)


Magenta (49%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.9370, 40.9830, 33.7110 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 162.9370, 40.9830, 33.7110 by changing the saturation by 10% instead.


 162.9370, 40.9830,
33.7110

 162.9370, 40.9830,
33.7110


255.0000, -0.0000,
-0.0000

 135.9260, 39.5160,
32.7640


 211.1740, 26.9540,
29.1460


 109.4420, 38.0030,
32.6510


 230.3460, 11.5500,
21.9660

 82.9580, 36.4900,
32.5380

 247.3690, 3.5750,
6.7990

 56.3000, 35.5270,
33.4710

 31.2290, 34.2890,
33.8810

 21.0610, 25.5340,
21.8380

 10.9920, 20.8140,

8.2540

■ 0.0000, 0.0000,
0.0000

■ 162.9370, 40.9830,
33.7110

■ 162.9370, 40.9830,
33.7110

■ 148.7690, 50.5640,
41.7960

■ 177.2190, 31.0810,
25.9370

■ 133.9000, 60.7410,
50.0930

■ 191.9740, 21.2250,
17.3290

■ 119.7320, 70.3220,
58.1780

■ 206.2560, 11.3230,
9.5550

■ 105.4500, 80.2240,
65.9520

■ 220.4240, 1.7420,
1.4700

■ 90.5810, 90.4010,
74.2490

■ 234.7060, -8.1600,
-6.3040

■ 78.9890, 98.2400,
80.8640

■ 244.1780,
-15.5410, -10.2050

■ 245.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



163.4140, 8.8430, 32.4830



162.9370, 40.9830, 33.7110



160.7090, 58.8200, 24.3240

Triad

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



162.9370, 40.9830, 33.7110



153.4990, 22.3790, -25.6290



127.2350, -117.1400, -24.6600

Complementary

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



162.9370, 40.9830, 33.7110



190.0630, -40.9830, -33.7110

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.



125.8210, -107.6470, -37.0150



162.9370, 40.9830, 33.7110



148.5470, -13.1070, -32.2990

Square

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



162.9370, 40.9830, 33.7110



157.1050, 47.4560, -12.0320



138.1300, -60.2850, -36.3250



144.0260, -81.9780, -1.0980

Rectangle

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



162.9370, 40.9830, 33.7110



160.1140, 61.5730, 12.9730



138.1300, -60.2850, -36.3250



127.3830, -114.8010, -28.5050

Sweetspot

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



162.9370, 40.9830, 33.7110



233.6910, 14.5320, 11.9720



154.6550, -1.8410, 38.8870



114.4190, 9.3060, 7.5620



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.



162.9370, 40.9830, 33.7110



172.9270, 56.1110, 45.8950



157.8070, 55.4280, 19.7160



104.8590, 4.9510, 3.8870



62.3140, 77.6110, 63.7470



16.9740, 21.2250, 17.3290

Inverse Universe

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



162.9370, 40.9830, 33.7110



172.9270, 56.1110, 45.8950



195.1930, -55.4280, -19.7160



104.8590, 4.9510, 3.8870



62.3140, 77.6110, 63.7470



16.9740, 21.2250, 17.3290

Previews

White Background



This preview shows how the YIQ color 162.9370, 40.9830, 33.7110 looks on a white background.

Color Contrast Check

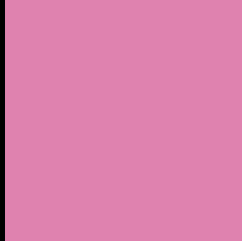
Large Text (above 18pt) WCAG AA × Fail

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 162.9370, 40.9830, 33.7110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

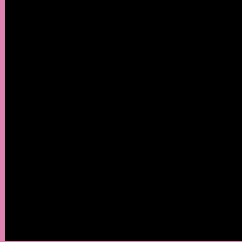
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.9370, 40.9830, 33.7110

Background



This preview shows how black text looks on a background with the YIQ color 162.9370, 40.9830, 33.7110.



This preview shows how white text looks on a background with the YIQ color 162.9370, 40.9830,

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

162.9370, 40.9830, 33.7110

Protanopia

160.1960, -14.8110, 9.6130

Deuteranopia

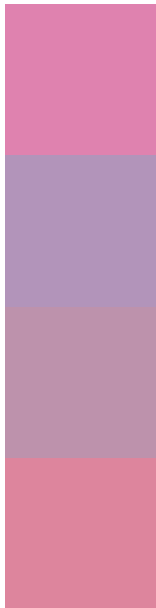
161.3090, 3.8040, 8.1560



Tritanopia

161.6690, 47.1290, 21.4410

Trichromacy



Original Color

162.9370, 40.9830, 33.7110

Protanomaly

161.3020, 5.6820, 18.1780

Deuteranomaly

161.8210, 17.2820, 17.2020

Tritanomaly

162.0480, 44.7440, 26.1200

Monochromacy



Original Color

162.9370, 40.9830, 33.7110

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.9900, 15.1280, 12.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.9370, 40.9830, 33.7110 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(223, 130, 175)` looks like.

```
.text, #text, p{  
    color:rgb(223, 130, 175)  
}
```

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(223, 130, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 130, 175) }
```

Border

The CSS property to change the border of an element to YIQ 162.9370, 40.9830, 33.7110 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(223, 130, 175) }
```


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

```
.border{ border-color:rgb(223, 130, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 130, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 130, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 130, 175);  
box-shadow:4px 4px 4px 4px rgb(223, 130,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 162.9370, 40.9830, 33.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 130, 175) }
```

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

```
.background{ background-color: rgb(223,  
130, 175) }
```

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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