

Converting Colors

YIQ(113.7270, 42.3550, 52.9070)

Have a look what the booklet for
YIQ(113.7270, 42.3550, 52.9070)
contains.

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Color

**YIQ(113.7270, 42.3550,
52.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	BB449D
RGB	187, 68, 157
RGB Percent	73%, 27%, 62%
CMY	0.2663, 0.7335, 0.3842
CMYK	0.00, 0.64, 0.16, 0.27
HSL	315°, 47%, 50%
HSV	315°, 64%, 73%
XYZ	28.6667, 17.1391, 33.7069
YIQ	113.7270, 42.3550, 52.9070

Conversions

Conversions Part 2

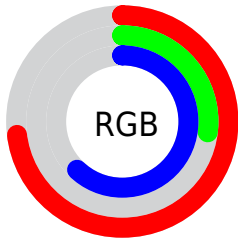
Format	Color
R_{YB}	187, 68, 157
Decimal	12272797
CIE _{Lab}	48.43, 57.58, -24.20
CIE _{LCh}	48, 62.456, 337.202
Yxy	17.1391, 0.3605, 0.2156
Android (android.graphics.Color)	4290462877 (0xFFBB449D)
YUV	113.7270, 21.3336, 64.2604
Hunter-Lab	41.3994, 51.1521, -19.2936

Details

The YIQ color **113.7270, 42.3550, 52.9070** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **141.2730, -42.3550, -52.9070**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9230, 44.7390, 53.7550**, and **50.8400, 43.7750, 60.2150** is the 20% darker color. If you saturate the color by 10%, you get **102.0040, 49.1850, 61.2890**, and if you desaturate by 10%, it is **125.4500, 35.5250, 44.5250**.

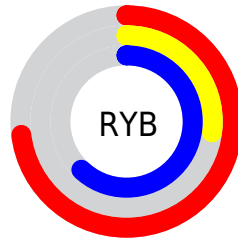
Distribution



Red (73%)

Green (27%)

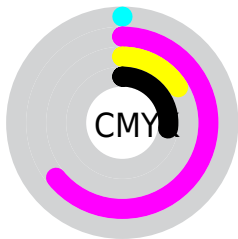
Blue (62%)



Red (73%)

Yellow (27%)

Blue (62%)

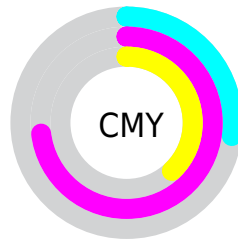


Cyan (0%)

Magenta (64%)

Yellow (16%)

Black (27%)



Cyan (27%)


Magenta (73%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.7270, 42.3550, 52.9070 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 113.7270, 42.3550, 52.9070 by changing the saturation by 10% instead.


 113.7270, 42.3550,
52.9070


 113.7270, 42.3550,
52.9070


255.0000, -0.0000,
-0.0000


 84.4820, 41.6670,
54.3630


 169.9230, 44.7390,
53.7550


 50.8400, 43.7750,
60.2150


 192.2420, 33.4150,
49.7270


 40.0310, 35.3870,
47.0270


 210.3880, 20.9000,
39.7480

 29.3360, 26.6780,
34.1500

 227.4110, 12.9250,
24.5810

 19.6520, 19.4360,
22.2200

 244.4340, 4.9500,
9.4140

 5.7390, 5.4090,
6.6010

 0.0000, 0.0000,

0.0000

■ 113.7270, 42.3550,
52.9070

■ 113.7270, 42.3550,
52.9070

■ 102.0040, 49.1850,
61.2890

■ 125.4500, 35.5250,
44.5250

■ 90.9820, 55.4190,
69.4590

■ 136.4720, 29.2910,
36.3550

■ 79.2590, 62.2490,
77.8410

■ 148.1950, 22.4610,
27.9730

■ 71.8730, 66.5120,
83.1840

■ 159.9180, 15.6310,
19.5910

■ 171.0540, 9.0760,
11.7320

■ 182.6630, 2.5670,
3.0390

■ 194.3860, -4.2630,
-5.3430

■ 206.1090,
-11.0930, -13.7250

■ 217.2450,
-17.6480, -21.5840

Harmonies

Analogous

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



117.7340, -12.2490, 40.2870



113.7270, 42.3550, 52.9070



107.0340, 74.8630, 47.4630

Triad

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



113.7270, 42.3550, 52.9070



106.6520, 43.5170, -34.2670



101.2980, -95.0880, -16.8160

Complementary

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



113.7270, 42.3550, 52.9070



141.2730, -42.3550, -52.9070

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.



96.0710, -78.9920, -33.2000



113.7270, 42.3550, 52.9070



98.1350, 2.0720, -48.5840

Square

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



113.7270, 42.3550, 52.9070



107.7690, 74.6450, -14.6910



88.0400, -60.5120, -48.7360



101.1790, -104.3980, -2.2700

Rectangle

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



113.7270, 42.3550, 52.9070



106.8430, 82.1100, 31.7580



88.0400, -60.5120, -48.7360



99.4740, -89.9520, -21.7920

Sweetspot

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



113.7270, 42.3550, 52.9070



213.7440, 16.1810, 20.6370



90.5360, -20.3190, 43.3690



104.7660, 9.9470, 12.4670



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



113.7270, 42.3550, 52.9070



128.7480, 65.3660, 81.9260



107.0010, 61.2940, 34.5580



88.4890, 3.1170, 4.0850



60.6940, 56.2900, 70.1940



11.8910, 11.0930, 13.7250

Inverse Universe

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



113.7270, 42.3550, 52.9070



128.7480, 65.3660, 81.9260



147.9990, -61.2940, -34.5580



88.4890, 3.1170, 4.0850



60.6940, 56.2900, 70.1940



11.8910, 11.0930, 13.7250

Previews

White Background



This preview shows how the YIQ color 113.7270, 42.3550, 52.9070 looks on a white background.

Color Contrast Check

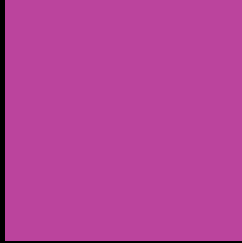
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 113.7270, 42.3550, 52.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

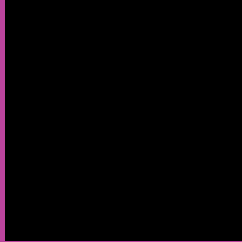
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.7270, 42.3550, 52.9070

Background



This preview shows how black text looks on a background with the YIQ color 113.7270, 42.3550, 52.9070.



This preview shows how white text looks on a background with the YIQ color 113.7270, 42.3550,

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

113.7270, 42.3550, 52.9070

Protanopia

112.9650, -44.4770, 18.6190

Deuteranopia

116.3100, -15.1320, 9.9240



Tritanopia

114.3880, 55.2900, 22.2180

Trichromacy



Original Color

113.7270, 42.3550, 52.9070

Protanomaly

113.4530, -13.2560, 31.0000

Deuteranomaly

115.3440, 5.8640, 25.8960

Tritanomaly

114.2000, 50.4280, 33.2440

Monochromacy



Original Color

113.7270, 42.3550, 52.9070

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9180, 15.6310, 19.5910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7270, 42.3550, 52.9070 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(187, 68, 157)` looks like.

```
.text, #text, p{  
    color:rgb(187, 68, 157)  
}
```

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(187, 68, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 68, 157) }
```

Border

The CSS property to change the border of an element to YIQ 113.7270, 42.3550, 52.9070 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(187, 68, 157) }
```


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

```
.border{ border-color:rgb(187, 68, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 68, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 68, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 68, 157);  
box-shadow:4px 4px 4px 4px rgb(187, 68,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7270, 42.3550, 52.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 68, 157) }
```

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

```
.background{ background-color: rgb(187, 68,  
157) }
```

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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