

Converting Colors

YIQ(132.2440, 39.1010, 45.7970)

Have a look what the booklet for
YIQ(132.2440, 39.1010, 45.7970)
contains.

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Color

**YIQ(132.2440, 39.1010,
45.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	C65CA7
RGB	198, 92, 167
RGB Percent	78%, 36%, 65%
CMY	0.2232, 0.6394, 0.3450
CMYK	0.00, 0.54, 0.16, 0.22
HSL	318°, 48%, 57%
HSV	318°, 54%, 78%
XYZ	34.1094, 22.4537, 39.1074
YIQ	132.2440, 39.1010, 45.7970

Conversions

Conversions Part 2

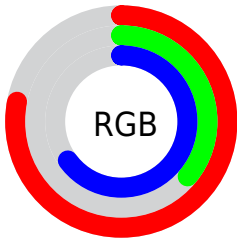
Format	Color
RYB	198, 92, 167
Decimal	12999847
CIELab	54.51, 51.42, -20.61
CIElCh	55, 55.391, 338.161
Yxy	22.4537, 0.3565, 0.2347
Android (android.graphics.Color)	4291189927 (0xFFC65CA7)
YUV	132.2440, 17.1347, 57.6680
Hunter-Lab	47.3853, 45.5657, -15.7628

Details

The YIQ color **132.2440, 39.1010, 45.7970** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **157.7560, -39.1010, -45.7970**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.2550, 40.5680, 46.7440**, and **76.9880, 36.9460, 46.3060** is the 20% darker color. If you saturate the color by 10%, you get **119.8200, 46.5270, 54.3910**, and if you desaturate by 10%, it is **144.6680, 31.6750, 37.2030**.

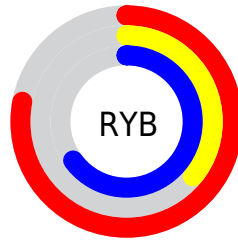
Distribution



Red (78%)

Green (36%)

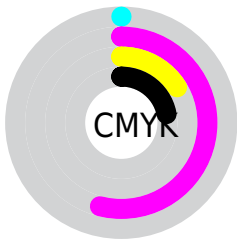
Blue (65%)



Red (78%)

Yellow (36%)

Blue (65%)

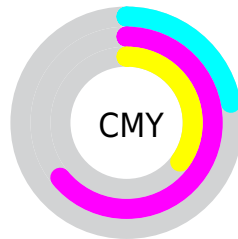


Cyan (0%)

Magenta (54%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (64%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.2440, 39.1010, 45.7970 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 132.2440, 39.1010, 45.7970 by changing the saturation by 10% instead.


 132.2440, 39.1010,
45.7970


 132.2440, 39.1010,
45.7970


255.0000, -0.0000,
-0.0000


 105.0590, 38.1840,
45.8960


 187.2550, 40.5680,
46.7440


 77.2870, 37.5420,
46.5180


 206.9970, 23.5590,
41.1190


 44.3460, 39.0540,
52.1580

 223.8890, 14.5750,
27.7190

 33.6510, 30.3450,
39.2810

 240.9120, 6.6000,
12.5520

 23.5540, 22.8280,
26.8280

 13.3860, 14.0730,
14.7850

 0.0000, 0.0000,

0.0000

■ 132.2440, 39.1010,
45.7970

■ 132.2440, 39.1010,
45.7970

■ 119.8200, 46.5270,
54.3910

■ 144.6680, 31.6750,
37.2030

■ 107.3960, 53.9530,
62.9850

■ 157.0920, 24.2490,
28.6090

■ 95.6730, 60.7830,
71.3670

■ 168.8150, 17.4190,
20.2270

■ 83.2490, 68.2090,
79.9610

■ 181.2390, 9.9930,
11.6330

■ 75.1620, 73.0680,
85.5160

■ 193.6630, 2.5670,
3.0390

■ 206.0870, -4.8590,
-5.5550

■ 218.5110,
-12.2850, -14.1490

■ 230.2340,
-19.1150, -22.5310

■ 233.8530,
-22.4160, -23.2800

Harmonies

Analogous

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



133.7790, -8.1220, 37.0780



132.2440, 39.1010, 45.7970



127.7570, 68.0330, 39.0810

Triad

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



132.2440, 39.1010, 45.7970



122.7490, 41.8660, -31.8780



110.6560, -102.1480, -21.0280

Complementary

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



132.2440, 39.1010, 45.7970



157.7560, -39.1010, -45.7970

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.



106.1130, -87.9780, -35.5460



132.2440, 39.1010, 45.7970



117.6220, -0.4970, -40.5690

Square

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



132.2440, 39.1010, 45.7970



126.4400, 65.5660, -9.8420



99.2390, -71.3780, -50.0500



110.0810, -110.1740, -7.7260

Rectangle

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



132.2440, 39.1010, 45.7970



127.1470, 75.1420, 25.8780



99.2390, -71.3780, -50.0500



109.6470, -97.9290, -25.9050

Sweetspot

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



132.2440, 39.1010, 45.7970



229.5650, 15.1270, 17.7110



113.0540, -16.1460, 39.3260



112.4130, 9.4430, 10.5870



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.



132.2440, 39.1010, 45.7970



153.8470, 60.2330, 70.3210



126.3160, 55.7930, 29.6250



93.4890, 3.1170, 4.0850



61.8470, 60.2330, 70.3210



13.6140, 13.4310, 15.4070

Inverse Universe

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



132.2440, 39.1010, 45.7970



153.8470, 60.2330, 70.3210



163.6840, -55.7930, -29.6250



93.4890, 3.1170, 4.0850



61.8470, 60.2330, 70.3210



13.6140, 13.4310, 15.4070

Previews

White Background



This preview shows how the YIQ color 132.2440, 39.1010, 45.7970 looks on a white background.

Color Contrast Check

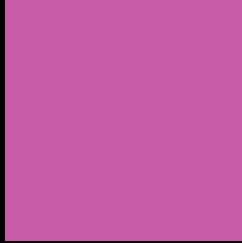
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.2440, 39.1010, 45.7970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

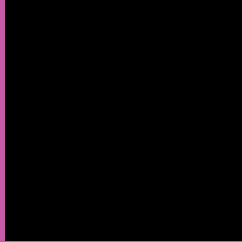
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.2440, 39.1010, 45.7970

Background



This preview shows how black text looks on a background with the YIQ color 132.2440, 39.1010, 45.7970.



This preview shows how white text looks on a background with the YIQ color 132.2440, 39.1010,

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

132.2440, 39.1010, 45.7970

Protanopia

130.2450, -33.7020, 16.0740

Deuteranopia

131.7620, -10.5930, 10.2630



Tritanopia

131.2240, 49.8800, 21.1440

Trichromacy



Original Color

132.2440, 39.1010, 45.7970

Protanomaly

131.3410, -7.2490, 26.7590

Deuteranomaly

131.8340, 7.2400, 22.9840

Tritanomaly

131.7540, 45.7520, 29.8800

Monochromacy



Original Color

132.2440, 39.1010, 45.7970

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.8530, 14.2560, 16.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.2440, 39.1010, 45.7970 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(198, 92, 167)` looks like.

```
.text, #text, p{  
    color:rgb(198, 92, 167)  
}
```

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(198, 92, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 92, 167) }
```

Border

The CSS property to change the border of an element to YIQ 132.2440, 39.1010, 45.7970 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(198, 92, 167) }
```


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

```
.border{ border-color:rgb(198, 92, 167) }
```

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

Here you see how a box with a 4 pixel rgb(198, 92, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 92, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 92, 167);  
box-shadow:4px 4px 4px 4px rgb(198, 92,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 132.2440, 39.1010, 45.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 92, 167) }
```

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

```
.background{ background-color: rgb(198, 92,  
167) }
```

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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