

Converting Colors

YIQ(114.3270, 40.0650, 39.3370)

Have a look what the booklet for
YIQ(114.3270, 40.0650, 39.3370)
contains.

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Color

**YIQ(114.3270, 40.0650,
39.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	B14E89
RGB	177, 78, 137
RGB Percent	69%, 31%, 54%
CMY	0.3056, 0.6943, 0.4626
CMYK	0.00, 0.56, 0.23, 0.31
HSL	324°, 39%, 50%
HSV	324°, 56%, 69%
XYZ	25.3862, 16.6051, 25.5449
YIQ	114.3270, 40.0650, 39.3370

Conversions

Conversions Part 2

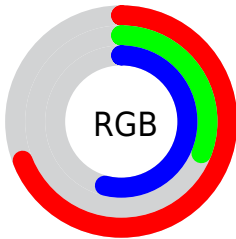
Format	Color
RYB	177, 78, 137
Decimal	11619977
CIELab	47.76, 47.18, -13.42
CIELCh	48, 49.051, 344.118
Yxy	16.6051, 0.3759, 0.2459
Android (android.graphics.Color)	4289810057 (0xFFB14E89)
YUV	114.3270, 11.1778, 54.9642
Hunter-Lab	40.7494, 39.8909, -8.6430

Details

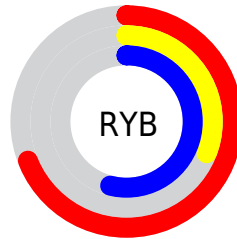
The YIQ color **114.3270, 40.0650, 39.3370** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **140.6730, -40.0650, -39.3370**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8220, 43.0450, 40.3970**, and **59.0110, 38.1390, 41.2030** is the 20% darker color. If you saturate the color by 10%, you get **102.9630, 47.2620, 46.5740**, and if you desaturate by 10%, it is **125.6910, 32.8680, 32.1000**.

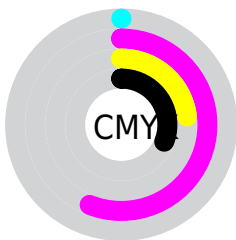
Distribution



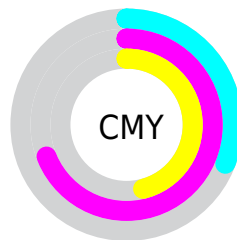
- Red (69%)
- Green (31%)
- Blue (54%)



- Red (69%)
- Yellow (31%)
- Blue (54%)



- Cyan (0%)
- Magenta (56%)
- Yellow (23%)
- Black (31%)





- Cyan (31%)
- Magenta (69%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.3270, 40.0650, 39.3370 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 114.3270, 40.0650, 39.3370 by changing the saturation by 10% instead.


 114.3270, 40.0650,
39.3370


 114.3270, 40.0650,
39.3370


255.0000, -0.0000,
-0.0000


 87.2560, 38.8270,
39.7470


 168.8220, 43.0450,
40.3970


 59.0110, 38.1390,
41.2030


 193.8430, 38.5520,
39.2240

 35.7010, 36.0760,
40.0440

 213.5850, 21.5430,
33.5990

 25.1200, 27.0460,
27.4780

 231.5200, 11.0000,
20.9200

 15.8490, 20.0790,
16.0710

 248.5430, 3.0250,
5.7530

 0.0000, 0.0000,
0.0000

■ 114.3270, 40.0650,
39.3370

■ 114.3270, 40.0650,
39.3370

■ 102.9630, 47.2620,
46.5740

■ 125.6910, 32.8680,
32.1000

■ 92.1860, 54.1840,
53.2880

■ 136.4680, 25.9460,
25.3860

■ 80.8220, 61.3810,
60.5250

■ 147.8320, 18.7490,
18.1490

■ 69.3440, 68.8990,
67.4510

■ 159.3100, 11.2310,
11.2230

■ 65.0070, 71.4660,
70.4900


■ 170.0870, 4.3090,
4.5090

■ 181.4510, -2.8880,
-2.7280

■ 192.8150,
-10.0850, -9.9650

■ 204.1790,

-17.2820, -17.2020

 214.9560,
-24.2040, -23.9160

Harmonies

Analogous

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



116.7600, 2.0570, 34.3210



114.3270, 40.0650, 39.3370



111.3660, 61.5240, 30.3880

Triad

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



114.3270, 40.0650, 39.3370



105.9850, 29.5780, -29.4460



96.2770, -90.5950, -15.6430

Complementary

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



114.3270, 40.0650, 39.3370



140.6730, -40.0650, -39.3370

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.



93.1190, -78.9470, -28.5070



114.3270, 40.0650, 39.3370



100.8800, -9.8510, -36.2430

Square

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



114.3270, 40.0650, 39.3370



109.4000, 53.8750, -12.7250



87.6300, -64.8690, -41.3570



94.7900, -96.0530, -4.8290

Rectangle

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



114.3270, 40.0650, 39.3370



111.0160, 64.9650, 17.5810



87.6300, -64.8690, -41.3570



95.6100, -87.3390, -19.5870

Sweetspot

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



114.3270, 40.0650, 39.3370



204.6960, 16.1360, 15.9440



101.2460, -7.9390, 39.2690



100.3590, 9.5350, 8.9190



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



114.3270, 40.0650, 39.3370



132.4200, 62.5730, 60.9490



108.7410, 55.7940, 24.0980



83.3750, 3.4380, 3.7740



56.1210, 61.9770, 60.7370



9.4840, 10.6810, 10.1770

Inverse Universe

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



114.3270, 40.0650, 39.3370



132.4200, 62.5730, 60.9490



146.2590, -55.7940, -24.0980



83.3750, 3.4380, 3.7740



56.1210, 61.9770, 60.7370



9.4840, 10.6810, 10.1770

Previews

White Background



This preview shows how the YIQ color 114.3270, 40.0650, 39.3370 looks on a white background.

Color Contrast Check

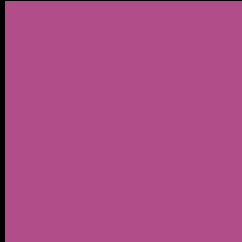
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.3270, 40.0650, 39.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

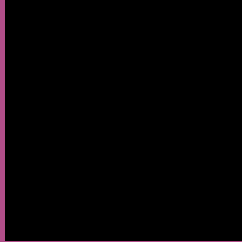
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.3270, 40.0650, 39.3370

Background



This preview shows how black text looks on a background with the YIQ color 114.3270, 40.0650, 39.3370.



This preview shows how white text looks on a background with the YIQ color 114.3270, 40.0650,

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

114.3270, 40.0650, 39.3370

Protanopia

113.5140, -24.3940, 12.5820

Deuteranopia

114.8890, -3.7610, 7.5910



Tritanopia

114.0990, 48.7340, 19.8860

Trichromacy



Original Color

114.3270, 40.0650, 39.3370

Protanomaly

114.1150, -0.9210, 22.2070

Deuteranomaly

114.6510, 12.0090, 19.1530

Tritanomaly

113.8740, 45.2940, 27.1660

Monochromacy



Original Color

114.3270, 40.0650, 39.3370

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1580, 14.7150, 14.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.3270, 40.0650, 39.3370 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(177, 78, 137)` looks like.

```
.text, #text, p{  
    color:rgb(177, 78, 137)  
}
```

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(177, 78, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 78, 137) }
```

Border

The CSS property to change the border of an element to YIQ 114.3270, 40.0650, 39.3370 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(177, 78, 137) }
```


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

```
.border{ border-color:rgb(177, 78, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 78, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 78, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 78, 137);  
box-shadow:4px 4px 4px 4px rgb(177, 78,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 114.3270, 40.0650, 39.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 78, 137) }
```

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

```
.background{ background-color: rgb(177, 78,  
137) }
```

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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