

Converting Colors

YIQ(148.1370, 37.5440, 35.4640)

Have a look what the booklet for
YIQ(148.1370, 37.5440, 35.4640)
contains.

YIQ(148.1370, 37.5440, 35.4640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(148.1370, 37.5440,
35.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	CE73A7
RGB	206, 115, 167
RGB Percent	81%, 45%, 65%
CMY	0.1919, 0.5491, 0.3450
CMYK	0.00, 0.44, 0.19, 0.19
HSL	326°, 48%, 63%
HSV	326°, 44%, 81%
XYZ	38.5752, 28.1747, 39.9778
YIQ	148.1370, 37.5440, 35.4640

Conversions

Conversions Part 2

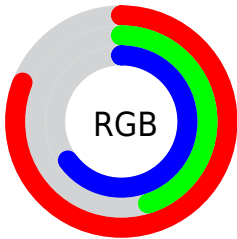
Format	Color
R _Y B	206, 115, 167
Decimal	13530023
CIE Lab	60.05, 42.41, -12.10
CIE LCh	60, 44.098, 344.076
Yxy	28.1747, 0.3614, 0.2640
Android (android.graphics.Color)	4291720103 (0xFFCE73A7)
YUV	148.1370, 9.2995, 50.7459
Hunter-Lab	53.0799, 36.8332, -7.4991

Details

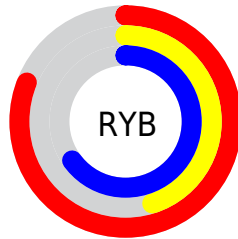
The YIQ color $148.1370, 37.5440, 35.4640$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $172.8630, -37.5440, -35.4640$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $200.7560, 34.2430, 34.7150$, and $94.9410, 35.1600, 34.6160$ is the 20% darker color. If you saturate the color by 10%, you get $134.7840, 46.2080, 43.6480$, and if you desaturate by 10%, it is $161.4900, 28.8800, 27.2800$.

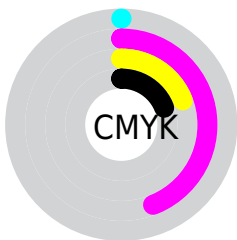
Distribution



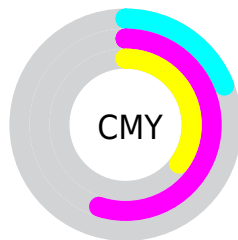
- Red (81%)
- Green (45%)
- Blue (65%)



- Red (81%)
- Yellow (45%)
- Blue (65%)



- Cyan (0%)
- Magenta (44%)
- Yellow (19%)
- Black (19%)





- Cyan (19%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.1370, 37.5440, 35.4640 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 148.1370, 37.5440, 35.4640 by changing the saturation by 10% instead.


 148.1370, 37.5440,
35.4640


 148.1370, 37.5440,
35.4640


255.0000, -0.0000,
-0.0000

 121.5390, 36.3520,
35.0400


 200.7560, 34.2430,
34.7150

 94.9410, 35.1600,
34.6160


 220.4980, 17.2340,
29.0900


 68.4570, 33.6470,
34.5030

 237.3900, 8.2500,
15.6900

 39.2770, 34.3340,
38.5740

254.4130, 0.2750,
0.5230

 26.0600, 27.2750,
28.8350

 17.2020, 20.5830,
17.9510

 0.0000, 0.0000,

0.0000

■ 148.1370, 37.5440,
35.4640

■ 148.1370, 37.5440,
35.4640

■ 134.7840, 46.2080,
43.6480

■ 161.4900, 28.8800,
27.2800

■ 122.0180, 54.5970,
51.3090

■ 174.2560, 20.4910,
19.6190

■ 108.7790, 62.9400,
59.8040

■ 187.6090, 11.8270,
11.4350

■ 96.0130, 71.3290,
67.4650

■ 200.2610, 3.7590,
3.4630

■ 82.6600, 79.9930,
75.6490

■ 213.6140, -4.9050,
-4.7210

■ 75.0460, 84.8980,
80.3700

■ 226.9670,
-13.5690, -12.9050

■ 237.3850,
-20.8580, -18.4740

■ 238.4110,
-23.7470, -15.6750

■ 239.3230,
-26.3150, -13.1870

Harmonies

Analogous

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



148.5920, 2.4700, 32.3420



148.1370, 37.5440, 35.4640



145.5180, 58.0400, 27.4480

Triad

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



148.1370, 37.5440, 35.4640



139.2500, 27.5140, -25.0780



117.6660, -108.1080, -23.1480

Complementary

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



148.1370, 37.5440, 35.4640



172.8630, -37.5440, -35.4640

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.



115.3230, -97.3770, -35.9130



148.1370, 37.5440, 35.4640



134.6570, -7.6050, -32.8930

Square

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



148.1370, 37.5440, 35.4640



142.4260, 50.9860, -9.9260



122.7450, -57.7630, -37.9790



115.9510, -112.9240, -12.9560

Rectangle

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



148.1370, 37.5440, 35.4640



144.7060, 62.9020, 16.4220



122.7450, -57.7630, -37.9790



116.9990, -104.8520, -27.0920

Sweetspot

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



148.1370, 37.5440, 35.4640



234.0330, 13.5690, 12.9050



136.7360, -6.5630, 36.3570



114.6470, 8.6640, 8.1840



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.



148.1370, 37.5440, 35.4640



169.1430, 55.7430, 52.5670



143.1210, 51.6680, 21.7800



95.6740, 4.0340, 3.9860



60.4640, 68.4410, 64.7370



13.8700, 15.5860, 14.8980

Inverse Universe

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



148.1370, 37.5440, 35.4640



169.1430, 55.7430, 52.5670



177.8790, -51.6680, -21.7800



95.6740, 4.0340, 3.9860



60.4640, 68.4410, 64.7370



13.8700, 15.5860, 14.8980

Previews

White Background



This preview shows how the YIQ color 148.1370, 37.5440, 35.4640 looks on a white background.

Color Contrast Check

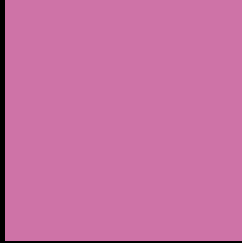
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.1370, 37.5440, 35.4640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

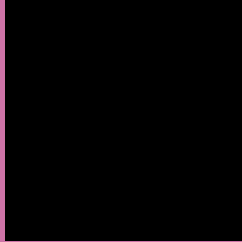
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.1370, 37.5440, 35.4640

Background



This preview shows how black text looks on a background with the YIQ color 148.1370, 37.5440, 35.4640.



This preview shows how white text looks on a background with the YIQ color 148.1370, 37.5440,

35.4640.

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

148.1370, 37.5440, 35.4640

Protanopia

145.9120, -19.7630, 11.2530

Deuteranopia

146.3840, -0.7810, 8.6510



Tritanopia

146.9460, 44.7910, 19.7590

Trichromacy



Original Color

148.1370, 37.5440, 35.4640

Protanomaly

146.4310, 1.0050, 20.3410

Deuteranomaly

147.3090, 12.9720, 18.2200

Tritanomaly

146.9660, 42.0390, 25.5830

Monochromacy



Original Color

148.1370, 37.5440, 35.4640

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.0330, 13.5690, 12.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.1370, 37.5440, 35.4640 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(206, 115, 167)` looks like.

```
.text, #text, p{  
    color:rgb(206, 115, 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(206, 115, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 115, 167) }
```

Border

The CSS property to change the border of an element to YIQ 148.1370, 37.5440, 35.4640 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(206, 115, 167) }
```


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

```
.border{ border-color:rgb(206, 115, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 115, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 115, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 115, 167);  
box-shadow:4px 4px 4px 4px rgb(206, 115,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 148.1370, 37.5440, 35.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 115, 167) }
```

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

```
.background{ background-color: rgb(206,  
115, 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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