

Converting Colors

YIQ(159.9460, 36.7640, 38.5880)

Have a look what the booklet for
YIQ(159.9460, 36.7640, 38.5880)
contains.

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Color

**YIQ(159.9460, 36.7640,
38.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7DB9
RGB	219, 125, 185
RGB Percent	86%, 49%, 73%
CMY	0.1409, 0.5099, 0.2744
CMYK	0.00, 0.43, 0.16, 0.14
HSL	322°, 57%, 67%
HSV	322°, 43%, 86%
XYZ	45.3217, 33.2315, 49.9386
YIQ	159.9460, 36.7640, 38.5880

Conversions

Conversions Part 2

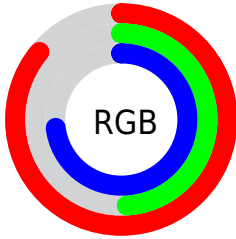
Format	Color
R_{YB}	219, 125, 185
Decimal	14384569
CIE _{Lab}	64.35, 44.30, -15.71
CIE _{LCh}	64, 46.999, 340.477
Yxy	33.2315, 0.3527, 0.2586
Android (android.graphics.Color)	4292574649 (0xFFDB7DB9)
YUV	159.9460, 12.3516, 51.7904
Hunter-Lab	57.6468, 39.4543, -11.0093

Details

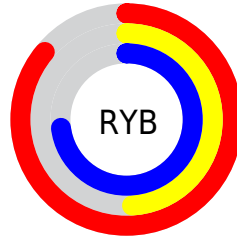
The YIQ color **159.9460, 36.7640, 38.5880** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **184.0540, -36.7640, -38.5880**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **209.3790, 25.1190, 34.8710**, and **106.3370, 34.1050, 37.2170** is the 20% darker color. If you saturate the color by 10%, you get **146.1200, 45.3820, 47.6060**, and if you desaturate by 10%, it is **173.7720, 28.1460, 29.5700**.

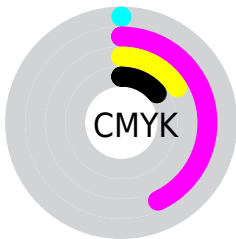
Distribution



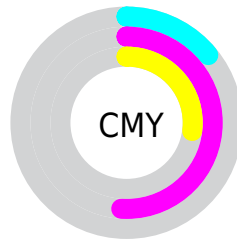
- Red (86%)
- Green (49%)
- Blue (73%)



- Red (86%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (14%)




- Cyan (14%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.9460, 36.7640, 38.5880 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 159.9460, 36.7640, 38.5880 by changing the saturation by 10% instead.


 159.9460, 36.7640,
38.5880


 159.9460, 36.7640,
38.5880


255.0000, -0.0000,
-0.0000

 132.9350, 35.2970,
37.6410


 208.7920, 25.3940,
35.3940


 106.3370, 34.1050,
37.2170


 227.4110, 12.9250,
24.5810

 80.1520, 33.1880,
37.3160

 243.8470, 5.2250,
9.9370

 52.2060, 33.0960,
38.9840

 31.2440, 29.9330,
35.7330

 21.2610, 22.0950,
23.5910

 10.9790, 13.6610,

11.2370

■ 0.0000, 0.0000,
0.0000

■ 159.9460, 36.7640,
38.5880

■ 159.9460, 36.7640,
38.5880

■ 146.1200, 45.3820,
47.6060

■ 173.7720, 28.1460,
29.5700

■ 132.2940, 54.0000,
56.6240

■ 187.5980, 19.5280,
20.5520

■ 118.4680, 62.6180,
65.6420

■ 201.4240, 10.9100,
11.5340

■ 104.6420, 71.2360,
74.6600

■ 215.2500, 2.2920,
2.5160

■ 90.8160, 79.8540,
83.6780

■ 228.4890, -6.0510,
-5.9790

■ 81.4410, 85.5840,
89.9680

■ 241.7280,
-14.3940, -14.4740

■ 242.5260,
-16.6410, -12.2970

■ 243.4380,
-19.2090, -9.8090

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



160.1940, -2.1610, 33.6710



159.9460, 36.7640, 38.5880



157.5940, 60.8820, 31.0100

Triad

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



159.9460, 36.7640, 38.5880



150.6590, 33.6120, -25.4600



126.5510, -115.2140, -26.5260

Complementary

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



159.9460, 36.7640, 38.5880



184.0540, -36.7640, -38.5880

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.



123.2790, -103.2450, -39.7010



159.9460, 36.7640, 38.5880



145.6420, -3.2490, -34.7450

Square

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



159.9460, 36.7640, 38.5880



154.1880, 57.5880, -8.4280



134.5450, -54.3240, -39.7320



125.2920, -121.3140, -15.0900

Rectangle

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



159.9460, 36.7640, 38.5880



156.2660, 67.2570, 20.0970



134.5450, -54.3240, -39.7320



125.7700, -111.6370, -30.7810

Sweetspot

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



159.9460, 36.7640, 38.5880



234.2610, 12.9270, 13.5270



145.5830, -10.5060, 36.2300



114.7610, 8.3430, 8.4950



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.



159.9460, 36.7640, 38.5880



171.4570, 51.9830, 54.6310



154.7020, 51.5300, 24.2820



103.0870, 4.3090, 4.5090



64.3810, 67.4770, 71.1970



17.0600, 18.1070, 18.7710

Inverse Universe

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



159.9460, 36.7640, 38.5880



171.4570, 51.9830, 54.6310



189.2980, -51.5300, -24.2820



103.0870, 4.3090, 4.5090



64.3810, 67.4770, 71.1970



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 159.9460, 36.7640, 38.5880 looks on a white background.

Color Contrast Check

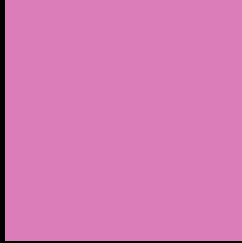
Large Text (above 18pt) WCAG AA × Fail

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 159.9460, 36.7640, 38.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

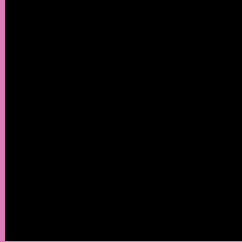
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.9460, 36.7640, 38.5880

Background



This preview shows how black text looks on a background with the YIQ color 159.9460, 36.7640, 38.5880.



This preview shows how white text looks on a background with the YIQ color 159.9460, 36.7640,

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

159.9460, 36.7640, 38.5880

Protanopia

157.2260, -23.5230, 13.3170

Deuteranopia

158.1710, -4.4950, 9.8810



Tritanopia

158.3590, 45.0660, 20.2820

Trichromacy



Original Color

159.9460, 36.7640, 38.5880



Protanomaly

158.2290, -1.2420, 22.5180



Deuteranomaly

158.8080, 10.1290, 20.1850



Tritanomaly

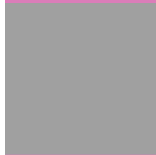
158.9060, 42.2680, 26.9400

Monochromacy



Original Color

159.9460, 36.7640, 38.5880



Achromatopsia

160.0000, 0.0000, -0.0000



Achromatomaly

159.6740, 13.2020, 14.0500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.9460, 36.7640, 38.5880 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(219, 125, 185)` looks like.

```
.text, #text, p{  
    color:rgb(219, 125, 185)  
}
```

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(219, 125, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 125, 185) }
```

Border

The CSS property to change the border of an element to YIQ 159.9460, 36.7640, 38.5880 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(219, 125, 185) }
```


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

```
.border{ border-color:rgb(219, 125, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 125, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 125, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 125, 185); box-shadow:4px 4px 4px 4px rgb(219, 125, 185) }
```

Background

The CSS property to change the background color of an element to YIQ 159.9460, 36.7640, 38.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 125, 185) }
```

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

```
.background{ background-color: rgb(219,  
125, 185) }
```

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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