

Converting Colors

YIQ(123.4650, 48.3640, 37.6120)

Have a look what the booklet for
YIQ(123.4650, 48.3640, 37.6120)
contains.

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Color

**YIQ(123.4650, 48.3640,
37.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	C15686
RGB	193, 86, 134
RGB Percent	76%, 34%, 53%
CMY	0.2429, 0.6629, 0.4744
CMYK	0.00, 0.55, 0.31, 0.24
HSL	333°, 46%, 55%
HSV	333°, 55%, 76%
XYZ	29.6409, 19.7177, 24.8124
YIQ	123.4650, 48.3640, 37.6120

Conversions

Conversions Part 2

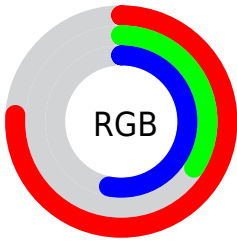
Format	Color
R_{YB}	193, 86, 134
Decimal	12670598
CIE _{Lab}	51.52, 48.05, -5.75
CIE _{LCh}	52, 48.392, 353.172
Yxy	19.7177, 0.3996, 0.2658
Android (android.graphics.Color)	4290860678 (0xFFC15686)
YUV	123.4650, 5.1938, 60.9822
Hunter-Lab	44.4047, 41.4436, -2.0467

Details

The YIQ color **123.4650, 48.3640, 37.6120** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **155.5350, -48.3640, -37.6120**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.8460, 51.6650, 38.3610**, and **68.4370, 45.5670, 38.7430** is the 20% darker color. If you saturate the color by 10%, you get **111.0580, 57.1200, 44.1280**, and if you desaturate by 10%, it is **135.8720, 39.6080, 31.0960**.

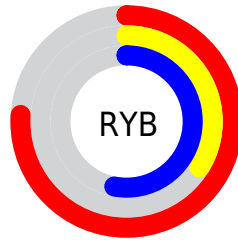
Distribution



Red (76%)

Green (34%)

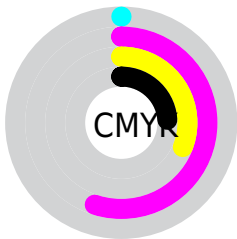
Blue (53%)



Red (76%)

Yellow (34%)

Blue (53%)

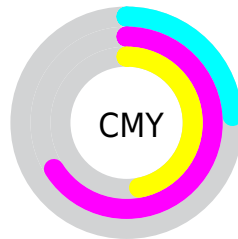


Cyan (0%)

Magenta (55%)

Yellow (31%)

Black (24%)



Cyan (24%)


Magenta (66%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.4650, 48.3640, 37.6120 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 123.4650, 48.3640, 37.6120 by changing the saturation by 10% instead.


 123.4650, 48.3640,
37.6120


 123.4650, 48.3640,
37.6120

255.0000, -0.0000,
-0.0000


 96.0950, 46.5300,
37.8100


 178.8460, 51.6650,
38.3610

 68.5510, 45.2460,
39.0540


 198.7840, 37.0400,
33.5840

 39.5450, 45.3830,
42.0790


 218.4120, 20.3520,
27.6480

 28.7790, 35.4360,
29.6120

 236.8030, 8.5250,
16.2130

 19.2090, 27.8730,
17.9930

253.8260, 0.5500,
1.0460

 7.2900, 13.9830,
5.3990

 0.0000, 0.0000,

0.0000

■ 123.4650, 48.3640,
37.6120

■ 123.4650, 48.3640,
37.6120

■ 111.0580, 57.1200,
44.1280

■ 135.8720, 39.6080,
31.0960

■ 98.1780, 65.8300,
51.4780

■ 148.7520, 30.8980,
23.7460

■ 85.7710, 74.5860,
57.9940

■ 161.1590, 22.1420,
17.2300

■ 73.3640, 83.3420,
64.5100

■ 173.5660, 13.3860,
10.7140

■ 67.6250, 87.1010,
67.9730

■ 185.8590, 4.9510,
3.8870

■ 198.8530, -4.0800,
-3.1520

■ 211.2600,
-12.8360, -9.6680

■ 223.5530,
-21.2710, -16.4950

■ 233.6120,
-28.9270, -20.9190

Harmonies

Analogous

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



126.2840, 15.2610, 37.3170



123.4650, 48.3640, 37.6120



121.4600, 63.9550, 24.8750

Triad

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



123.4650, 48.3640, 37.6120



115.0700, 19.0330, -31.0710



103.0250, -98.5730, -14.2290

Complementary

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



123.4650, 48.3640, 37.6120



155.5350, -48.3640, -37.6120

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.



101.4970, -88.7590, -26.8950



123.4650, 48.3640, 37.6120



107.3390, -24.3850, -37.1610

Square

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



123.4650, 48.3640, 37.6120



118.4160, 47.7780, -17.8700



96.1220, -75.0020, -39.4340



99.6800, -101.5550, -4.2350

Rectangle

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



123.4650, 48.3640, 37.6120



120.9140, 65.0120, 11.2200



96.1220, -75.0020, -39.4340



103.0590, -95.9130, -18.3850

Sweetspot

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



123.4650, 48.3640, 37.6120



222.0230, 19.5290, 15.0250



115.8390, 0.8170, 45.7850



108.7290, 11.3690, 8.7210



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



123.4650, 48.3640, 37.6120



140.8960, 75.7320, 59.2520



120.9280, 62.3970, 20.0690



90.5600, 4.3550, 3.6750



56.3470, 72.8440, 56.5240



11.5770, 14.8530, 11.6610

Inverse Universe

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



123.4650, 48.3640, 37.6120



140.8960, 75.7320, 59.2520



158.0720, -62.3970, -20.0690



90.5600, 4.3550, 3.6750



56.3470, 72.8440, 56.5240



11.5770, 14.8530, 11.6610

Previews

White Background



This preview shows how the YIQ color 123.4650, 48.3640, 37.6120 looks on a white background.

Color Contrast Check

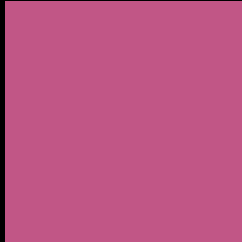
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.4650, 48.3640, 37.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

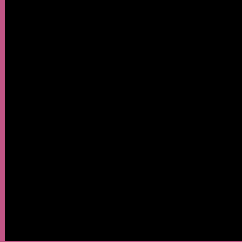
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.4650, 48.3640, 37.6120

Background



This preview shows how black text looks on a background with the YIQ color 123.4650, 48.3640, 37.6120.



This preview shows how white text looks on a background with the YIQ color 123.4650, 48.3640,

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

123.4650, 48.3640, 37.6120

Protanopia

123.7120, -16.3240, 9.5000

Deuteranopia

124.9130, 4.8590, 5.5550



Tritanopia

122.8010, 55.5650, 22.7410

Trichromacy



Original Color

123.4650, 48.3640, 37.6120

Protanomaly

123.7260, 7.4240, 19.6480

Deuteranomaly

124.6750, 20.6290, 17.1170

Tritanomaly

122.7070, 53.1340, 28.2540

Monochromacy



Original Color

123.4650, 48.3640, 37.6120

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.3000, 17.1910, 13.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.4650, 48.3640, 37.6120 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(193, 86, 134)` looks like.

```
.text, #text, p{  
    color:rgb(193, 86, 134)  
}
```

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(193, 86, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 86, 134) }
```

Border

The CSS property to change the border of an element to YIQ 123.4650, 48.3640, 37.6120 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(193, 86, 134) }
```


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

```
.border{ border-color:rgb(193, 86, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 86, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 86, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 86, 134);  
box-shadow:4px 4px 4px 4px rgb(193, 86,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 123.4650, 48.3640, 37.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 86, 134) }
```

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

```
.background{ background-color: rgb(193, 86,  
134) }
```

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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