

Converting Colors

YIQ(127.0870, 49.0080, 25.9360)

Have a look what the booklet for
YIQ(127.0870, 49.0080, 25.9360)
contains.

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Color

**YIQ(127.0870, 49.0080,
25.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	BE6175
RGB	190, 97, 117
RGB Percent	75%, 38%, 46%
CMY	0.2547, 0.6197, 0.5410
CMYK	0.00, 0.49, 0.38, 0.25
HSL	347°, 42%, 56%
HSV	347°, 49%, 75%
XYZ	28.7348, 20.7824, 19.3406
YIQ	127.0870, 49.0080, 25.9360

Conversions

Conversions Part 2

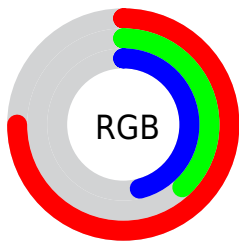
Format	Color
R_{YB}	190, 97, 117
Decimal	12476789
CIE _{Lab}	52.71, 39.41, 6.04
CIE _{LCh}	53, 39.872, 8.714
Yxy	20.7824, 0.4173, 0.3018
Android (android.graphics.Color)	4290666869 (0xFFBE6175)
YUV	127.0870, -4.9729, 55.1747
Hunter-Lab	45.5878, 32.7331, 6.7576

Details

The YIQ color **127.0870, 49.0080, 25.9360** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **159.9130, -49.0080, -25.9360**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.7670, 52.9050, 26.8970**, and **74.6350, 44.4690, 25.5970** is the 20% darker color. If you saturate the color by 10%, you get **114.2240, 59.0480, 31.2080**, and if you desaturate by 10%, it is **139.9500, 38.9680, 20.6640**.

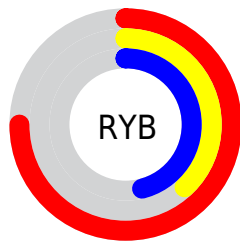
Distribution



Red (75%)

Green (38%)

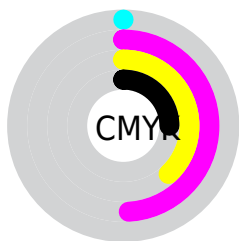
Blue (46%)



Red (75%)

Yellow (38%)

Blue (46%)

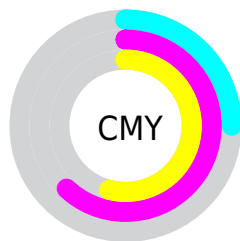


Cyan (0%)

Magenta (49%)

Yellow (38%)

Black (25%)



Cyan (25%)

Magenta (62%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.0870, 49.0080, 25.9360 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 127.0870, 49.0080, 25.9360 by changing the saturation by 10% instead.


 127.0870, 49.0080,
25.9360


 127.0870, 49.0080,
25.9360


255.0000, -0.0000,
-0.0000


 100.3040, 46.8990,
25.6110


 181.7670, 52.9050,
26.8970

 74.6350, 44.4690,
25.5970


 202.4880, 40.3890,
22.4450


 48.2050, 42.8640,
27.1520

 222.1160, 23.7010,
16.5090

 26.5850, 38.7380,
24.8340

 242.4450, 6.4170,
10.3610

 16.4450, 32.7800,
11.6600

 5.6810, 11.3240,
4.0280

 0.0000, 0.0000,

0.0000

■ 127.0870, 49.0080,
25.9360

■ 127.0870, 49.0080,
25.9360

■ 114.2240, 59.0480,
31.2080

■ 139.9500, 38.9680,
20.6640

■ 101.3610, 69.0880,
36.4800

■ 152.8130, 28.9280,
15.3920

■ 88.4980, 79.1280,
41.7520

■ 165.6760, 18.8880,
10.1200

■ 75.6350, 89.1680,
47.0240

■ 178.5390, 8.8480,
4.8480

■ 62.8860, 98.8870,
52.6070

■ 191.4020, -1.1920,
-0.4240

■ 61.4840, 100.0790,
53.0310

■ 204.1510,
-10.9110, -6.0070

■ 217.0140,
-20.9510, -11.2790

■ 229.8770,
-30.9910, -16.5510

■ 235.1090,
-37.4560, -15.0240

Harmonies

Analogous

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



129.1250, 28.6500, 31.4500



127.0870, 49.0080, 25.9360



125.7650, 55.2460, 11.9980

Triad

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



127.0870, 49.0080, 25.9360



117.7120, -0.2700, -28.1580



101.3780, -98.0690, -12.3490

Complementary

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



127.0870, 49.0080, 25.9360



159.9130, -49.0080, -25.9360

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.



102.5060, -92.9780, -22.0180



127.0870, 49.0080, 25.9360



109.1170, -41.0750, -32.0430

Square

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



127.0870, 49.0080, 25.9360



121.8960, 28.7510, -19.9610



99.3310, -82.6600, -32.8040



121.6780, -45.3470, 12.3570

Rectangle

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



127.0870, 49.0080, 25.9360



124.9350, 51.3510, -0.0170



99.3310, -82.6600, -32.8040



101.9820, -97.0140, -14.9500

Sweetspot

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



127.0870, 49.0080, 25.9360



221.9750, 19.4840, 10.3320



129.4290, 13.6550, 44.3990



109.4470, 12.1030, 6.4310



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.



127.0870, 49.0080, 25.9360



148.3020, 76.7440, 40.9040



140.0690, 48.2780, 6.1180



87.9190, 4.7220, 2.5300



51.1180, 83.2540, 44.0700



10.0670, 16.2290, 8.7490

Inverse Universe

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



127.0870, 49.0080, 25.9360



148.3020, 76.7440, 40.9040



146.9310, -48.2780, -6.1180



87.9190, 4.7220, 2.5300



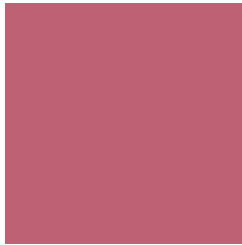
51.1180, 83.2540, 44.0700



10.0670, 16.2290, 8.7490

Previews

White Background



This preview shows how the YIQ color 127.0870, 49.0080, 25.9360 looks on a white background.

Color Contrast Check

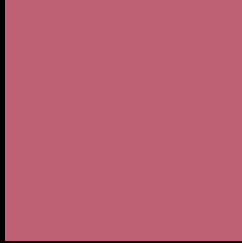
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0870, 49.0080, 25.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

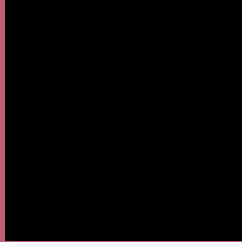
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.0870, 49.0080, 25.9360

Background



This preview shows how black text looks on a background with the YIQ color 127.0870, 49.0080, 25.9360.



This preview shows how white text looks on a background with the YIQ color 127.0870, 49.0080,

25.9360.

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

127.0870, 49.0080, 25.9360

Protanopia

127.0970, -1.6510, 2.3890

Deuteranopia

127.2530, 15.4050, 1.6530



Tritanopia

126.7080, 51.3930, 21.2570

Trichromacy



Original Color

127.0870, 49.0080, 25.9360

Protanomaly

126.8330, 17.0080, 11.1520

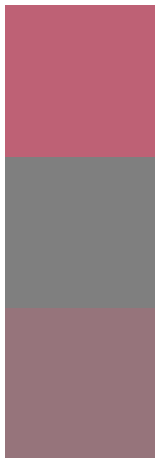
Deuteranomaly

127.1670, 27.6910, 10.2750

Tritanomaly

126.5770, 50.3840, 23.0240

Monochromacy



Original Color

127.0870, 49.0080, 25.9360

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.9640, 18.0170, 9.3850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.0870, 49.0080, 25.9360 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(190, 97, 117)` looks like.

```
.text, #text, p{  
    color:rgb(190, 97, 117)  
}
```

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(190, 97, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 97, 117) }
```

Border

The CSS property to change the border of an element to YIQ 127.0870, 49.0080, 25.9360 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(190, 97, 117) }
```


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

```
.border{ border-color:rgb(190, 97, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 97, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 97, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 97, 117);  
box-shadow:4px 4px 4px 4px rgb(190, 97,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 127.0870, 49.0080, 25.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 97, 117) }
```

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

```
.background{ background-color: rgb(190, 97,  
117) }
```

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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