

Converting Colors

YIQ(126.4610, 45.0190, 26.6430)

Have a look what the booklet for
YIQ(126.4610, 45.0190, 26.6430)
contains.

YIQ(126.4610, 45.0190, 26.6430)	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(126.4610, 45.0190,
26.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	BA617A
RGB	186, 97, 122
RGB Percent	73%, 38%, 48%
CMY	0.2704, 0.6197, 0.5214
CMYK	0.00, 0.48, 0.34, 0.27
HSL	343°, 39%, 55%
HSV	343°, 48%, 73%
XYZ	28.0504, 20.3950, 20.8838
YIQ	126.4610, 45.0190, 26.6430

Conversions

Conversions Part 2

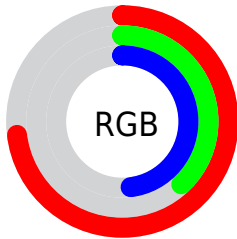
Format	Color
R_{YB}	186, 97, 122
Decimal	12214650
CIE _{Lab}	52.28, 38.58, 2.39
CIE _{LCh}	52, 38.652, 3.539
Yxy	20.3950, 0.4046, 0.2942
Android (android.graphics.Color)	4290404730 (0xFFBA617A)
YUV	126.4610, -2.1993, 52.2157
Hunter-Lab	45.1608, 31.8389, 4.1950

Details

The YIQ color **126.4610, 45.0190, 26.6430** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **156.5390, -45.0190, -26.6430**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.8420, 48.3200, 27.3920**, and **74.3080, 41.0760, 26.5160** is the 20% darker color. If you saturate the color by 10%, you get **113.8260, 54.4170, 32.5370**, and if you desaturate by 10%, it is **139.0960, 35.6210, 20.7490**.

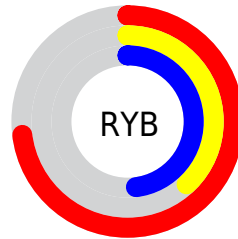
Distribution



Red (73%)

Green (38%)

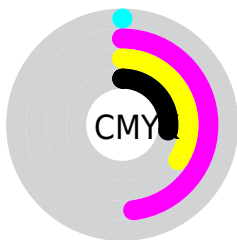
Blue (48%)



Red (73%)

Yellow (38%)

Blue (48%)

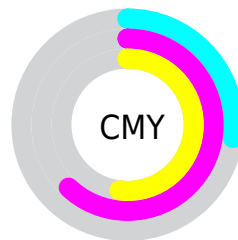


Cyan (0%)

Magenta (48%)

Yellow (34%)

Black (27%)



Cyan (27%)

Magenta (62%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.4610, 45.0190, 26.6430 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 126.4610, 45.0190, 26.6430 by changing the saturation by 10% instead.

■ 126.4610, 45.0190,
26.6430

■ 126.4610, 45.0190,
26.6430

■ 255.0000, -0.0000,
-0.0000

■ 100.5640, 43.2310,
26.0070

■ 180.8420, 48.3200,
27.3920

■ 74.3080, 41.0760,
26.5160

■ 203.1720, 38.4630,
24.3110

■ 47.7640, 39.7920,
27.7600

■ 222.8000, 21.7750,
18.3750

■ 26.1440, 35.6660,
25.4420

■ 242.6730, 5.7750,
10.9830

■ 16.3030, 30.3040,
12.4800

■ 3.8870, 7.7480,
2.7560

■ 0.0000, 0.0000,

0.0000

■ 126.4610, 45.0190,
26.6430

■ 126.4610, 45.0190,
26.6430

■ 113.8260, 54.4170,
32.5370

■ 139.0960, 35.6210,
20.7490

■ 101.6640, 63.8610,
37.5970

■ 151.2580, 26.1770,
15.6890

■ 89.0290, 73.2590,
43.4910

■ 163.8930, 16.7790,
9.7950

■ 76.9810, 82.3820,
48.8620

■ 176.0550, 7.3350,
4.7350

■ 64.2320, 92.1010,
54.4450

■ 188.6900, -2.0630,
-1.1590

■ 61.5420, 94.1640,
55.6040

■ 201.3250,
-11.4610, -7.0530

■ 213.4870,
-20.9050, -12.1130

■ 226.1220,
-30.3030, -18.0070

■ 232.8870,
-36.9510, -18.6710

Harmonies

Analogous

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



128.6620, 22.6440, 30.1640



126.4610, 45.0190, 26.6430



124.8620, 53.5950, 14.3870

Triad

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



126.4610, 45.0190, 26.6430



117.4030, 5.0940, -26.2500



100.6940, -96.1430, -14.2150

Complementary

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



126.4610, 45.0190, 26.6430



156.5390, -45.0190, -26.6430

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.



101.0070, -90.1350, -23.9830



126.4610, 45.0190, 26.6430



111.1460, -30.8510, -30.1070

Square

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



126.4610, 45.0190, 26.6430



121.4450, 31.6390, -17.2330



97.9460, -80.1380, -34.4580



118.7480, -51.5360, 8.8800

Rectangle

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



126.4610, 45.0190, 26.6430



123.9290, 51.4880, 3.0080



97.9460, -80.1380, -34.4580



101.1840, -94.7670, -17.1270

Sweetspot

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



126.4610, 45.0190, 26.6430



219.3060, 17.0540, 10.3180



126.2820, 9.5750, 41.2470



108.5500, 10.3150, 5.7950



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



126.4610, 45.0190, 26.6430



149.7080, 69.7290, 41.3850



134.7640, 47.8190, 8.9310



85.9190, 4.7220, 2.5300



51.6600, 78.8520, 46.7560



9.2840, 14.1200, 8.4240

Inverse Universe

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



126.4610, 45.0190, 26.6430



149.7080, 69.7290, 41.3850



148.2360, -47.8190, -8.9310



85.9190, 4.7220, 2.5300



51.6600, 78.8520, 46.7560



9.2840, 14.1200, 8.4240

Previews

White Background



This preview shows how the YIQ color 126.4610, 45.0190, 26.6430 looks on a white background.

Color Contrast Check

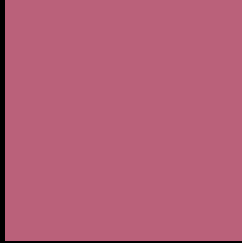
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.4610, 45.0190, 26.6430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

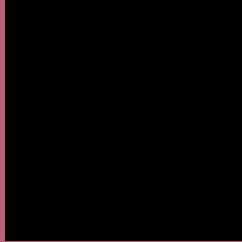
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.4610, 45.0190, 26.6430

Background



This preview shows how black text looks on a background with the YIQ color 126.4610, 45.0190, 26.6430.



This preview shows how white text looks on a background with the YIQ color 126.4610, 45.0190,

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

126.4610, 45.0190, 26.6430

Protanopia

125.5960, -4.4940, 4.3540

Deuteranopia

126.3390, 12.2870, 3.0950



Tritanopia

126.2130, 48.4130, 20.1970

Trichromacy



Original Color

126.4610, 45.0190, 26.6430

Protanomaly

125.9190, 13.8900, 12.5940

Deuteranomaly

126.2530, 24.5730, 11.7170

Tritanomaly

126.1960, 47.0830, 22.2750

Monochromacy



Original Color

126.4610, 45.0190, 26.6430

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0070, 16.4580, 10.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.4610, 45.0190, 26.6430 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(186, 97, 122)` looks like.

```
.text, #text, p{  
    color:rgb(186, 97, 122)  
}
```

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(186, 97, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 97, 122) }
```

Border

The CSS property to change the border of an element to YIQ 126.4610, 45.0190, 26.6430 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(186, 97, 122) }
```


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

```
.border{ border-color:rgb(186, 97, 122) }
```

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

Here you see how a box with a 4 pixel rgb(186, 97, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 97, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 97, 122);  
box-shadow:4px 4px 4px 4px rgb(186, 97,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 126.4610, 45.0190, 26.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 97, 122) }
```

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

```
.background{ background-color: rgb(186, 97,  
122) }
```

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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