

Converting Colors

YIQ(124.8310, 46.8530, 26.4450)

Have a look what the booklet for
YIQ(124.8310, 46.8530, 26.4450)
contains.

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Color

**YIQ(124.8310, 46.8530,
26.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5F76
RGB	186, 95, 118
RGB Percent	73%, 37%, 46%
CMY	0.2704, 0.6276, 0.5371
CMYK	0.00, 0.49, 0.37, 0.27
HSL	345°, 40%, 55%
HSV	345°, 49%, 73%
XYZ	27.6253, 19.9330, 19.5443
YIQ	124.8310, 46.8530, 26.4450

Conversions

Conversions Part 2

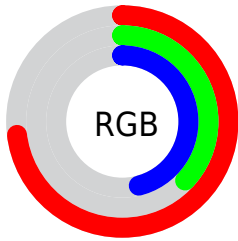
Format	Color
R _Y B	186, 95, 118
Decimal	12214134
CIE Lab	51.76, 39.13, 4.01
CIE LCh	52, 39.332, 5.853
Yxy	19.9330, 0.4117, 0.2971
Android (android.graphics.Color)	4290404214 (0xFFBA5F76)
YUV	124.8310, -3.3677, 53.6452
Hunter-Lab	44.6464, 32.3170, 5.2978

Details

The YIQ color **124.8310, 46.8530, 26.4450** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **156.1690, -46.8530, -26.4450**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5110, 50.7500, 27.4060**, and **72.6780, 42.9100, 26.3180** is the 20% darker color. If you saturate the color by 10%, you get **112.0820, 56.5720, 32.0280**, and if you desaturate by 10%, it is **137.5800, 37.1340, 20.8620**.

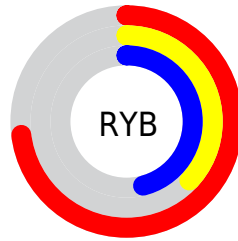
Distribution



Red (73%)

Green (37%)

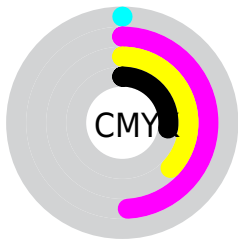
Blue (46%)



Red (73%)

Yellow (37%)

Blue (46%)

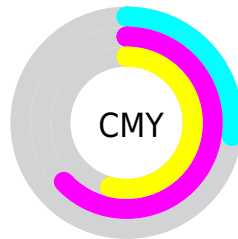


Cyan (0%)

Magenta (49%)

Yellow (37%)

Black (27%)



Cyan (27%)

Magenta (63%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.8310, 46.8530, 26.4450 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 124.8310, 46.8530, 26.4450 by changing the saturation by 10% instead.

■ 124.8310, 46.8530,
26.4450

■ 124.8310, 46.8530,
26.4450

■ 255.0000, -0.0000,
-0.0000

■ 98.3470, 45.3400,
26.3320

■ 179.5110, 50.7500,
27.4060

■ 72.6780, 42.9100,
26.3180

■ 201.4280, 40.6180,
23.8020

■ 45.6610, 41.5800,
28.3960

■ 221.0560, 23.9300,
17.8660

■ 25.8020, 36.6290,
24.5090

■ 241.3850, 6.6460,
11.7180

■ 15.9610, 31.2670,
11.5470

■ 2.6910, 5.3640,
1.9080

■ 0.0000, 0.0000,

0.0000

■ 124.8310, 46.8530,
26.4450

■ 124.8310, 46.8530,
26.4450

■ 112.0820, 56.5720,
32.0280

■ 137.5800, 37.1340,
20.8620

■ 99.9200, 66.0160,
37.0880

■ 149.7420, 27.6900,
15.8020

■ 87.1710, 75.7350,
42.6710

■ 162.4910, 17.9710,
10.2190

■ 75.0090, 85.1790,
47.7310

■ 174.6530, 8.5270,
5.1590

■ 62.3740, 94.5770,
53.6250

■ 187.4020, -1.1920,
-0.4240

■ 60.9720, 95.7690,
54.0490

■ 200.0370,
-10.5900, -6.3180

■ 212.1990,
-20.0340, -11.3780

■ 224.9480,
-29.7530, -16.9610

■ 233.0010,
-37.2720, -18.3600

Harmonies

Analogous

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



126.8580, 25.0280, 31.0120



124.8310, 46.8530, 26.4450



123.2210, 53.9620, 13.2420

Triad

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



124.8310, 46.8530, 26.4450



116.2070, 2.7100, -27.0980



99.6340, -95.9140, -12.8580

Complementary

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



124.8310, 46.8530, 26.4450



156.1690, -46.8530, -26.4450

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.



100.0610, -90.2270, -22.3150



124.8310, 46.8530, 26.4450



108.2810, -35.6650, -30.9690

Square

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



124.8310, 46.8530, 26.4450



119.9070, 30.2180, -19.0140



97.4730, -80.1840, -33.6240



118.3570, -48.8770, 10.2510

Rectangle

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



124.8310, 46.8530, 26.4450



122.8750, 51.5800, 1.3400



97.4730, -80.1840, -33.6240



100.1240, -94.5380, -15.7700

Sweetspot

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



124.8310, 46.8530, 26.4450



217.7900, 18.5670, 10.4310



125.4070, 10.7210, 42.5050



107.2620, 11.1860, 6.5300



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.



124.8310, 46.8530, 26.4450



145.9750, 73.3510, 41.8230



134.5360, 48.4610, 8.3090



85.9190, 4.7220, 2.5300



51.0900, 80.4570, 45.2010



9.1700, 14.4410, 8.1130

Inverse Universe

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



124.8310, 46.8530, 26.4450



145.9750, 73.3510, 41.8230



146.4640, -48.4610, -8.3090



85.9190, 4.7220, 2.5300



51.0900, 80.4570, 45.2010



9.1700, 14.4410, 8.1130

Previews

White Background



This preview shows how the YIQ color 124.8310, 46.8530, 26.4450 looks on a white background.

Color Contrast Check

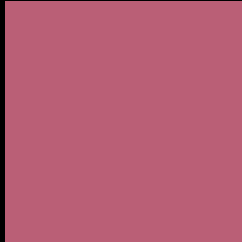
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.8310, 46.8530, 26.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

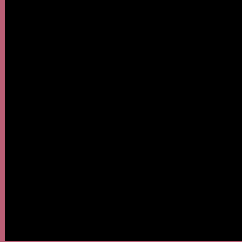
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.8310, 46.8530, 26.4450

Background



This preview shows how black text looks on a background with the YIQ color 124.8310, 46.8530, 26.4450.



This preview shows how white text looks on a background with the YIQ color 124.8310, 46.8530,

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

124.8310, 46.8530, 26.4450

Protanopia

124.2540, -3.5310, 3.4210

Deuteranopia

125.2960, 13.8460, 2.3740



Tritanopia

124.1100, 50.2010, 20.8330

Trichromacy



Original Color

124.8310, 46.8530, 26.4450

Protanomaly

124.5770, 14.8530, 11.6610

Deuteranomaly

125.2100, 26.1320, 10.9960

Tritanomaly

124.0930, 48.8710, 22.9110

Monochromacy



Original Color

124.8310, 46.8530, 26.4450

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.7790, 17.1000, 9.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.8310, 46.8530, 26.4450 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, 95, 118)` looks like.

```
.text, #text, p{  
    color:rgb(186, 95, 118)  
}
```

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, 95, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 95, 118) }
```

Border

The CSS property to change the border of an element to YIQ 124.8310, 46.8530, 26.4450 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, 95, 118) }
```


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

```
.border{ border-color:rgb(186, 95, 118) }
```

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

Here you see how a box with a 4 pixel rgb(186, 95, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 95, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 95, 118);  
box-shadow:4px 4px 4px 4px rgb(186, 95,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 124.8310, 46.8530, 26.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 95, 118) }
```

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

```
.background{ background-color: rgb(186, 95,  
118) }
```

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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