

Converting Colors

YIQ(126.6810, 46.8550, 15.3910)

Have a look what the booklet for
YIQ(126.6810, 46.8550, 15.3910)
contains.

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Color

**YIQ(126.6810, 46.8550,
15.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	B56865
RGB	181, 104, 101
RGB Percent	71%, 41%, 40%
CMY	0.2900, 0.5923, 0.6037
CMYK	0.00, 0.43, 0.44, 0.29
HSL	2°, 35%, 55%
HSV	2°, 44%, 71%
XYZ	26.3653, 20.6640, 14.9232
YIQ	126.6810, 46.8550, 15.3910

Conversions

Conversions Part 2

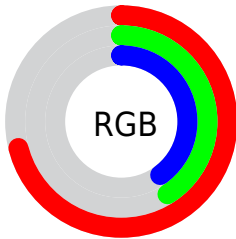
Format	Color
R_{YB}	181, 104, 101
Decimal	11888741
CIE _{Lab}	52.58, 30.49, 15.12
CIE _{LCh}	53, 34.031, 26.386
Yxy	20.6640, 0.4256, 0.3335
Android (android.graphics.Color)	4290078821 (0xFFB56865)
YUV	126.6810, -12.6607, 47.6378
Hunter-Lab	45.4577, 23.9784, 12.3562

Details

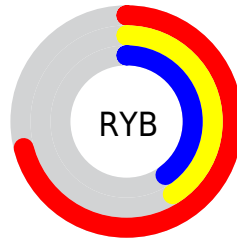
The YIQ color **126.6810, 46.8550, 15.3910** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **155.3190, -46.8550, -15.3910**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.3610, 50.7520, 16.3520**, and **75.8160, 42.0410, 14.5290** is the 20% darker color. If you saturate the color by 10%, you get **114.6500, 57.3080, 18.6840**, and if you desaturate by 10%, it is **138.7120, 36.4020, 12.0980**.

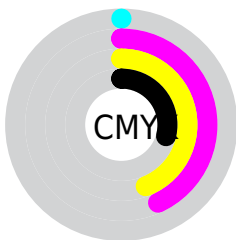
Distribution



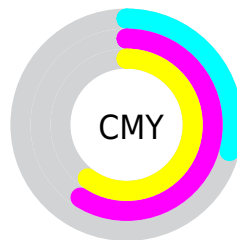
- Red (71%)
- Green (41%)
- Blue (40%)



- Red (71%)
- Yellow (41%)
- Blue (40%)



- Cyan (0%)
- Magenta (43%)
- Yellow (44%)
- Black (29%)





- Cyan (29%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.6810, 46.8550, 15.3910 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 126.6810, 46.8550, 15.3910 by changing the saturation by 10% instead.


 126.6810, 46.8550,
15.3910


 126.6810, 46.8550,
15.3910


255.0000, -0.0000,
-0.0000


 100.8980, 44.7460,
15.0660


 180.3610, 50.7520,
16.3520


 75.8160, 42.0410,
14.5290


 204.6590, 43.9210,
13.4970

 51.2610, 39.2900,
14.8260

 223.5860, 27.8290,
7.7730

 25.7170, 38.0060,
16.0700

 243.8010, 10.8660,
1.3140

 14.0530, 28.0120,
9.9640

 0.0000, 0.0000,
0.0000

■ 126.6810, 46.8550,
15.3910

■ 126.6810, 46.8550,
15.3910

■ 114.6500, 57.3080,
18.6840

■ 138.7120, 36.4020,
12.0980

■ 102.0320, 68.0360,
22.5000

■ 151.3300, 25.6740,
8.2820

■ 90.0010, 78.4890,
25.7930

■ 163.3610, 15.2210,
4.9890

■ 77.3830, 89.2170,
29.6090

■ 175.9790, 4.4930,
1.1730

■ 65.3520, 99.6700,
32.9020

■ 188.1240, -6.2810,
-1.8090


■ 58.2280, 105.9510,
34.7110

■ 200.7420,
-17.0090, -5.6250

■ 212.7730,
-27.4620, -8.9180

■ 225.3910,

-38.1900, -12.7340

 232.8740,
-44.1040, -15.6880

Harmonies

Analogous

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



127.9160, 36.3080, 24.8200



126.6810, 46.8550, 15.3910



125.1670, 44.8860, 1.5100

Triad

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



126.6810, 46.8550, 15.3910



116.3110, -18.0140, -25.9660



118.4120, -50.7100, 4.9220

Complementary

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



126.6810, 46.8550, 15.3910



155.3190, -46.8550, -15.3910

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.



100.1410, -93.2080, -17.8480



126.6810, 46.8550, 15.3910



107.3250, -56.1600, -28.4800

Square

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



126.6810, 46.8550, 15.3910



120.9740, 10.9160, -21.6280



99.2800, -86.6500, -26.5700



126.9220, -16.5550, 19.1970

Rectangle

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



126.6810, 46.8550, 15.3910



123.9500, 37.8270, -8.2290



99.2800, -86.6500, -26.5700



113.4810, -64.3260, -1.6220

Sweetspot

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



126.6810, 46.8550, 15.3910



213.8560, 18.2010, 6.0490



133.6980, 22.9630, 40.9070



104.3820, 10.7280, 3.8160



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



126.6810, 46.8550, 15.3910



150.3100, 73.1250, 23.8850



150.1610, 35.8550, -5.5290



83.2780, 5.0890, 1.3850



49.2690, 89.5380, 29.2980



8.3610, 15.2210, 4.9890

Inverse Universe

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



155.3190, -46.8550, -15.3910



194.6900, -73.1250, -23.8850



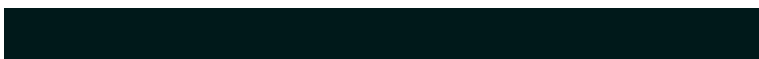
131.8390, -35.8550, 5.5290



86.3090, -5.3640, -1.9080



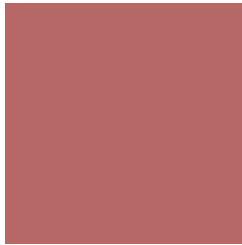
103.7310, -89.5380, -29.2980



17.6390, -15.2210, -4.9890

Previews

White Background



This preview shows how the YIQ color 126.6810, 46.8550, 15.3910 looks on a white background.

Color Contrast Check

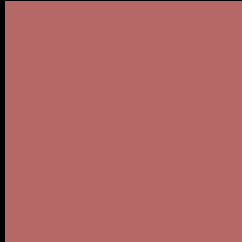
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.6810, 46.8550, 15.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

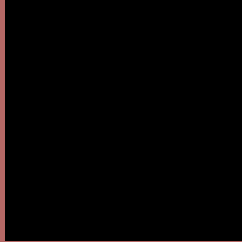
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.6810, 46.8550, 15.3910

Background



This preview shows how black text looks on a background with the YIQ color 126.6810, 46.8550, 15.3910.



This preview shows how white text looks on a background with the YIQ color 126.6810, 46.8550,

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

126.6810, 46.8550, 15.3910

Protanopia

126.1980, 8.0700, -3.0820

Deuteranopia

126.1520, 22.8790, -1.6410



Tritanopia

127.4190, 44.8370, 18.9250

Trichromacy



Original Color

126.6810, 46.8550, 15.3910

Protanomaly

126.4280, 22.2820, 3.6740

Deuteranomaly

126.3320, 31.3600, 4.3520

Tritanomaly

127.0770, 45.8000, 17.9920

Monochromacy



Original Color

126.6810, 46.8550, 15.3910

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.2580, 17.0090, 5.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.6810, 46.8550, 15.3910 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(181, 104, 101)` looks like.

```
.text, #text, p{  
    color:rgb(181, 104, 101)  
}
```

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(181, 104, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 104, 101) }
```

Border

The CSS property to change the border of an element to YIQ 126.6810, 46.8550, 15.3910 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(181, 104, 101) }
```


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

```
.border{ border-color:rgb(181, 104, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 104, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 104, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 104, 101);  
box-shadow:4px 4px 4px 4px rgb(181, 104,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 126.6810, 46.8550, 15.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 104, 101) }
```

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

```
.background{ background-color: rgb(181,  
104, 101) }
```

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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