

Converting Colors

YIQ(130.6210, 47.0840, 16.7480)

Have a look what the booklet for
YIQ(130.6210, 47.0840, 16.7480)
contains.

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Color

**YIQ(130.6210, 47.0840,
16.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6B6B
RGB	186, 107, 107
RGB Percent	73%, 42%, 42%
CMY	0.2704, 0.5805, 0.5802
CMYK	0.00, 0.43, 0.42, 0.27
HSL	360°, 36%, 57%
HSV	360°, 43%, 73%
XYZ	28.1719, 22.0161, 16.6878
YIQ	130.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

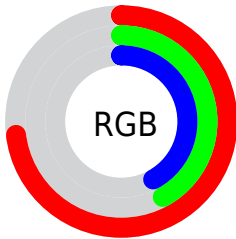
Format	Color
RYB	186, 107, 107
Decimal	12217195
CIELab	54.04, 31.46, 13.73
CIElCh	54, 34.326, 23.586
Yxy	22.0161, 0.4213, 0.3292
Android (android.graphics.Color)	4290407275 (0xFFBA6B6B)
YUV	130.6210, -11.6452, 48.5674
Hunter-Lab	46.9213, 25.0605, 11.7582

Details

The YIQ color **130.6210, 47.0840, 16.7480** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **162.3790, -47.0840, -16.7480**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.8880, 50.7060, 17.1860**, and **79.1690, 42.5450, 16.4090** is the 20% darker color. If you saturate the color by 10%, you get **117.3020, 58.4080, 20.7760**, and if you desaturate by 10%, it is **143.9400, 35.7600, 12.7200**.

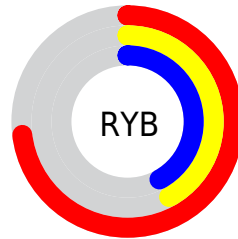
Distribution



Red (73%)

Green (42%)

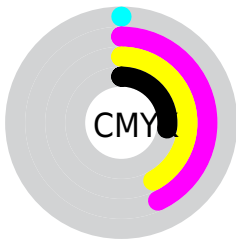
Blue (42%)



Red (73%)

Yellow (42%)

Blue (42%)

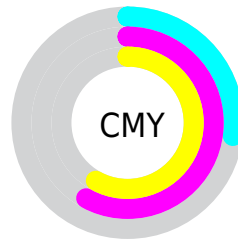


Cyan (0%)

Magenta (43%)

Yellow (42%)

Black (27%)



Cyan (27%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.6210, 47.0840, 16.7480 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 130.6210, 47.0840, 16.7480 by changing the saturation by 10% instead.

■ 130.6210, 47.0840,
16.7480

■ 130.6210, 47.0840,
16.7480

■ 255.0000, -0.0000,
-0.0000

■ 104.8380, 44.9750,
16.4230

■ 184.8880, 50.7060,
17.1860

■ 79.1690, 42.5450,
16.4090

■ 207.1040, 41.1700,
13.7940

■ 54.5000, 40.1150,
16.3950

■ 226.7320, 24.4820,
7.8580

■ 28.8850, 37.5930,
18.0490

■ 246.9470, 7.5190,
1.3990

■ 15.2490, 30.3960,
10.8120

■ 4.1860, 8.3440,
2.9680

■ 0.0000, 0.0000,

0.0000

■ 130.6210, 47.0840,
16.7480

■ 130.6210, 47.0840,
16.7480

■ 117.3020, 58.4080,
20.7760

■ 143.9400, 35.7600,
12.7200

■ 104.6840, 69.1360,
24.5920

■ 156.5580, 25.0320,
8.9040

■ 91.3650, 80.4600,
28.6200

■ 169.8770, 13.7080,
4.8760

■ 78.7470, 91.1880,
32.4360

■ 182.4950, 2.9800,
1.0600

■ 65.4280, 102.5120,
36.4640

■ 195.8140, -8.3440,
-2.9680

■ 55.6140, 110.8560,
39.4320

■ 209.1330,
-19.6680, -6.9960

■ 221.7510,
-30.3960, -10.8120

■ 234.3690,
-41.1240, -14.6280

Harmonies

Analogous

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



132.2580, 35.3450, 25.7530



130.6210, 47.0840, 16.7480



129.5910, 46.6280, 2.9800

Triad

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



130.6210, 47.0840, 16.7480



120.2790, -14.9880, -25.7400



121.0200, -55.4780, 3.2260

Complementary

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



130.6210, 47.0840, 16.7480



162.3790, -47.0840, -16.7480

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.



102.8310, -95.2710, -19.0070



130.6210, 47.0840, 16.7480



111.8910, -51.9420, -27.8300

Square

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



130.6210, 47.0840, 16.7480



124.7570, 13.0250, -21.3030



101.8560, -88.3920, -28.0400



130.4270, -19.5350, 18.1370

Rectangle

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



130.6210, 47.0840, 16.7480



128.2600, 39.8900, -7.0700



101.8560, -88.3920, -28.0400



115.8610, -68.4520, -3.9400

Sweetspot

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



130.6210, 47.0840, 16.7480



220.2690, 18.4760, 6.5720



139.3280, 21.1290, 41.1050



108.6810, 11.3240, 4.0280



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.



130.6210, 47.0840, 16.7480



155.7770, 73.3080, 26.0760



152.9270, 36.6340, -3.1260



85.6910, 5.3640, 1.9080



46.6440, 92.9760, 33.0720



8.3720, 16.6880, 5.9360

Inverse Universe

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



130.6210, 47.0840, 16.7480



155.7770, 73.3080, 26.0760



140.0730, -36.6340, 3.1260



85.6910, 5.3640, 1.9080



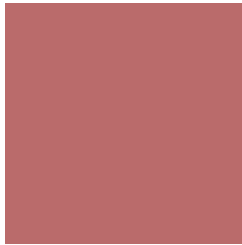
46.6440, 92.9760, 33.0720



8.3720, 16.6880, 5.9360

Previews

White Background



This preview shows how the YIQ color 130.6210, 47.0840, 16.7480 looks on a white background.

Color Contrast Check

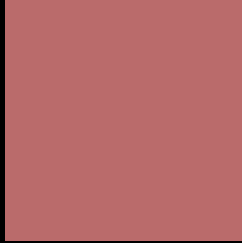
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.6210, 47.0840, 16.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

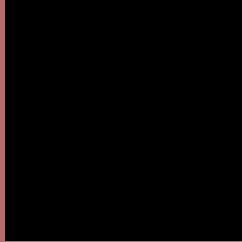
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.6210, 47.0840, 16.7480

Background



This preview shows how black text looks on a background with the YIQ color 130.6210, 47.0840, 16.7480.



This preview shows how white text looks on a background with the YIQ color 130.6210, 47.0840,

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

130.6210, 47.0840, 16.7480

Protanopia

129.5400, 7.1070, -2.1490

Deuteranopia

130.3800, 22.2370, -1.0190



Tritanopia

131.1310, 45.7080, 19.6600

Trichromacy



Original Color

130.6210, 47.0840, 16.7480

Protanomaly

130.0690, 21.9150, 4.8190

Deuteranomaly

130.2720, 31.5890, 5.7090

Tritanomaly

130.7890, 46.6710, 18.7270

Monochromacy



Original Color

130.6210, 47.0840, 16.7480

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.6710, 17.2840, 6.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.6210, 47.0840, 16.7480 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, 107, 107)` looks like.

```
.text, #text, p{  
    color:rgb(186, 107, 107)  
}
```

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, 107, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 107, 107) }
```

Border

The CSS property to change the border of an element to YIQ 130.6210, 47.0840, 16.7480 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, 107, 107) }
```


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

```
.border{ border-color:rgb(186, 107, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 107, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 107, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 107, 107);  
box-shadow:4px 4px 4px 4px rgb(186, 107,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 130.6210, 47.0840, 16.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 107, 107) }
```

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

```
.background{ background-color: rgb(186,  
107, 107) }
```

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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