

Converting Colors

YIQ(128.4690, 50.5680, 19.6880)

Have a look what the booklet for
YIQ(128.4690, 50.5680, 19.6880)
contains.

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Color

**YIQ(128.4690, 50.5680,
19.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	BD666A
RGB	189, 102, 106
RGB Percent	74%, 40%, 42%
CMY	0.2586, 0.6001, 0.5841
CMYK	0.00, 0.46, 0.44, 0.26
HSL	357°, 40%, 57%
HSV	357°, 46%, 74%
XYZ	28.3514, 21.3629, 16.2786
YIQ	128.4690, 50.5680, 19.6880

Conversions

Conversions Part 2

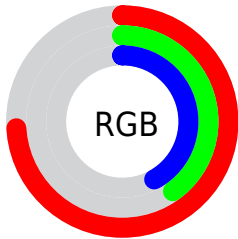
Format	Color
RYB	189, 102, 106
Decimal	12412522
CIELab	53.34, 35.18, 13.41
CIELCh	53, 37.650, 20.866
Yxy	21.3629, 0.4296, 0.3237
Android (android.graphics.Color)	4290602602 (0xFFBD666A)
YUV	128.4690, -11.0772, 53.0857
Hunter-Lab	46.2200, 28.6074, 11.4722

Details

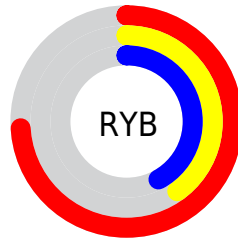
The YIQ color **128.4690, 50.5680, 19.6880** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **162.5310, -50.5680, -19.6880**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0350, 54.7860, 20.3380**, and **76.7180, 45.4330, 19.1370** is the 20% darker color. If you saturate the color by 10%, you get **115.2640, 61.5710, 24.0270**, and if you desaturate by 10%, it is **141.6740, 39.5650, 15.3490**.

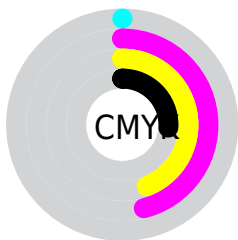
Distribution



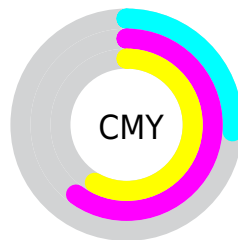
- Red (74%)
- Green (40%)
- Blue (42%)



- Red (74%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (46%)
- Yellow (44%)
- Black (26%)



- Cyan (26%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4690, 50.5680, 19.6880 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 128.4690, 50.5680, 19.6880 by changing the saturation by 10% instead.

■ 128.4690, 50.5680,
19.6880

■ 128.4690, 50.5680,
19.6880

■ 255.0000, -0.0000,
-0.0000

■ 102.3870, 47.8630,
19.1510

■ 183.0350, 54.7860,
20.3380

■ 76.7180, 45.4330,
19.1370

■ 204.0550, 42.8660,
16.0980

■ 51.4620, 43.2780,
19.6460

■ 223.6830, 26.1780,
10.1620

■ 25.2600, 41.0310,
21.8230

■ 243.8980, 9.2150,
3.7030

■ 15.8470, 31.5880,
11.2360

■ 4.7840, 9.5360,
3.3920

■ 0.0000, 0.0000,

0.0000

■ 128.4690, 50.5680,
19.6880

■ 128.4690, 50.5680,
19.6880

■ 115.2640, 61.5710,
24.0270

■ 141.6740, 39.5650,
15.3490

■ 102.0590, 72.5740,
28.3660

■ 154.8790, 28.5620,
11.0100

■ 88.8540, 83.5770,
32.7050

■ 168.0840, 17.5590,
6.6710

■ 75.6490, 94.5800,
37.0440

■ 181.2890, 6.5560,
2.3320

■ 62.4440, 105.5830,
41.3830

■ 193.9070, -4.1720,
-1.4840

■ 57.5370, 109.7550,
42.8670

■ 207.1120,
-15.1750, -5.8230

■ 220.3170,
-26.1780, -10.1620

■ 233.5220,
-37.1810, -14.5010

■ 235.2660,
-39.3360, -13.9920

Harmonies

Analogous

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



130.4370, 36.3990, 28.6790



128.4690, 50.5680, 19.6880



126.9830, 51.3960, 4.6760

Triad

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



128.4690, 50.5680, 19.6880



117.8830, -13.9330, -28.3410



114.7840, -69.5530, -0.5050

Complementary

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



128.4690, 50.5680, 19.6880



162.5310, -50.5680, -19.6880

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.



102.9450, -95.5920, -18.6960



128.4690, 50.5680, 19.6880



107.0210, -58.3600, -32.6640

Square

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



128.4690, 50.5680, 19.6880



122.8560, 17.0600, -22.8440



101.5140, -87.4290, -28.9730



128.0180, -25.6330, 18.5190

Rectangle

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



128.4690, 50.5680, 19.6880



126.1250, 44.7040, -6.2080



101.5140, -87.4290, -28.9730



101.8510, -98.0230, -13.1830

Sweetspot

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



128.4690, 50.5680, 19.6880



221.2800, 19.9430, 7.5190



136.7350, 21.5410, 44.6530



108.0940, 11.5990, 4.5510



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.



128.4690, 50.5680, 19.6880



151.0490, 78.5340, 30.4860



150.9060, 41.1270, -1.9530



87.6910, 5.3640, 1.9080



48.0400, 91.9210, 35.6730



9.3830, 18.1550, 6.8830

Inverse Universe

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



128.4690, 50.5680, 19.6880



151.0490, 78.5340, 30.4860



140.0940, -41.1270, 1.9530



87.6910, 5.3640, 1.9080



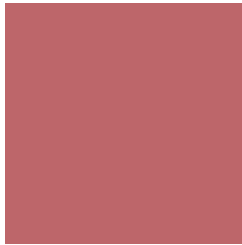
48.0400, 91.9210, 35.6730



9.3830, 18.1550, 6.8830

Previews

White Background



This preview shows how the YIQ color 128.4690, 50.5680, 19.6880 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 128.4690, 50.5680, 19.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

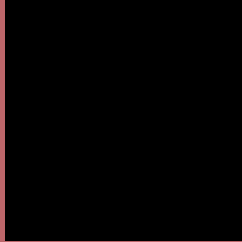
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.4690, 50.5680, 19.6880

Background



This preview shows how black text looks on a background with the YIQ color 128.4690, 50.5680, 19.6880.



This preview shows how white text looks on a background with the YIQ color 128.4690, 50.5680,

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

128.4690, 50.5680, 19.6880

Protanopia

127.5830, 5.5480, -1.4280

Deuteranopia

128.3800, 22.2370, -1.0190



Tritanopia

128.8110, 49.6050, 20.6210

Trichromacy



Original Color

128.4690, 50.5680, 19.6880

Protanomaly

128.0090, 22.1440, 6.1760

Deuteranomaly

128.2830, 33.0560, 6.6560

Tritanomaly

128.6970, 49.9260, 20.3100

Monochromacy



Original Color

128.4690, 50.5680, 19.6880

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.3830, 18.1550, 6.8830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4690, 50.5680, 19.6880 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(189, 102, 106)` looks like.

```
.text, #text, p{  
    color:rgb(189, 102, 106)  
}
```

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(189, 102, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 102, 106) }
```

Border

The CSS property to change the border of an element to YIQ 128.4690, 50.5680, 19.6880 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(189, 102, 106) }
```


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

```
.border{ border-color:rgb(189, 102, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 102, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 102, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 102, 106);  
box-shadow:4px 4px 4px 4px rgb(189, 102,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4690, 50.5680, 19.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 102, 106) }
```

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

```
.background{ background-color: rgb(189,  
102, 106) }
```

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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