

Converting Colors

YIQ(124.0070, 51.9890, 21.4690)

Have a look what the booklet for
YIQ(124.0070, 51.9890, 21.4690)
contains.

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Color

**YIQ(124.0070, 51.9890,
21.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	BB6067
RGB	187, 96, 103
RGB Percent	73%, 38%, 40%
CMY	0.2664, 0.6237, 0.5959
CMYK	0.00, 0.49, 0.45, 0.27
HSL	355°, 40%, 55%
HSV	355°, 49%, 73%
XYZ	27.1374, 19.9110, 15.2584
YIQ	124.0070, 51.9890, 21.4690

Conversions

Conversions Part 2

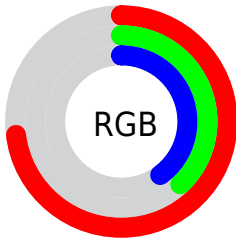
Format	Color
R_{YB}	187, 96, 103
Decimal	12279911
CIE Lab	51.74, 37.27, 12.90
CIE LCh	52, 39.444, 19.095
Yxy	19.9110, 0.4355, 0.3196
Android (android.graphics.Color)	4290469991 (0xFFBB6067)
YUV	124.0070, -10.3565, 55.2449
Hunter-Lab	44.6217, 30.4698, 10.9610

Details

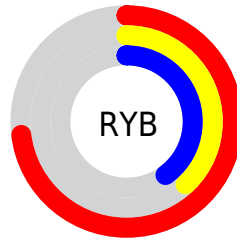
The YIQ color **124.0070, 51.9890, 21.4690** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **158.9930, -51.9890, -21.4690**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.5730, 56.2070, 22.1190**, and **72.2560, 46.8540, 20.9180** is the 20% darker color. If you saturate the color by 10%, you get **110.9160, 62.6710, 26.1190**, and if you desaturate by 10%, it is **137.0980, 41.3070, 16.8190**.

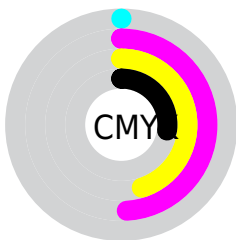
Distribution



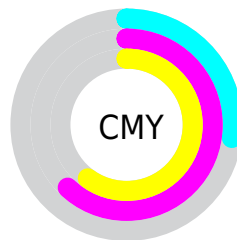
- Red (73%)
- Green (38%)
- Blue (40%)



- Red (73%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (45%)
- Black (27%)



- Cyan (27%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.0070, 51.9890, 21.4690 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 124.0070, 51.9890, 21.4690 by changing the saturation by 10% instead.

■ 124.0070, 51.9890,
21.4690

■ 124.0070, 51.9890,
21.4690

■ 255.0000, -0.0000,
-0.0000

■ 97.9250, 49.2840,
20.9320

■ 177.9860, 56.4820,
22.6420

■ 72.2560, 46.8540,
20.9180

■ 200.1910, 45.4790,
18.3030

■ 45.9400, 44.9280,
22.7840

■ 219.7050, 29.1120,
12.0560

■ 24.3200, 40.8020,
20.4660

■ 239.4470, 12.1030,
6.4310

■ 15.3630, 30.0750,
11.1230

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,

0.0000

■ 124.0070, 51.9890,
21.4690

■ 124.0070, 51.9890,
21.4690

■ 110.9160, 62.6710,
26.1190

■ 137.0980, 41.3070,
16.8190

■ 98.4120, 73.0780,
30.2460

■ 149.7160, 30.5790,
13.0030

■ 85.2070, 84.0810,
34.5850

■ 162.8070, 19.8970,
8.3530

■ 72.1160, 94.7630,
39.2350

■ 175.8980, 9.2150,
3.7030

■ 59.0250, 105.4450,
43.8850

■ 188.4020, -1.1920,
-0.4240

■ 57.6230, 106.6370,
44.3090

■ 201.6070,
-12.1950, -4.7630

■ 214.6980,
-22.8770, -9.4130

■ 227.7890,
-33.5590, -14.0630

■ 234.6680,
-40.5280, -14.4160

Harmonies

Analogous

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



125.7900, 36.9030, 30.5590



124.0070, 51.9890, 21.4690



122.9940, 52.8630, 5.6230

Triad

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



124.0070, 51.9890, 21.4690



113.5410, -12.9700, -29.2740



103.2380, -85.6910, -5.3950

Complementary

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



124.0070, 51.9890, 21.4690



158.9930, -51.9890, -21.4690

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.



100.8420, -93.8040, -18.0600



124.0070, 51.9890, 21.4690



99.6890, -63.3570, -35.7170

Square

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



124.0070, 51.9890, 21.4690



118.1120, 19.2150, -23.3530



98.5960, -84.7240, -28.4360



122.8650, -29.5760, 18.3920

Rectangle

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



124.0070, 51.9890, 21.4690



121.9080, 46.8130, -5.8830



98.5960, -84.7240, -28.4360



99.2750, -96.2810, -11.7130

Sweetspot

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



124.0070, 51.9890, 21.4690



217.1060, 20.4930, 8.5650



131.1910, 20.2570, 45.8970



106.8060, 12.4700, 5.2860



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.



124.0070, 51.9890, 21.4690



145.1140, 79.9090, 33.1010



145.5150, 43.7860, -0.5820



87.8050, 5.0430, 2.2190



48.6100, 90.3160, 37.2280



9.4970, 17.8340, 7.1940

Inverse Universe

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



124.0070, 51.9890, 21.4690



145.1140, 79.9090, 33.1010



137.4850, -43.7860, 0.5820



87.8050, 5.0430, 2.2190



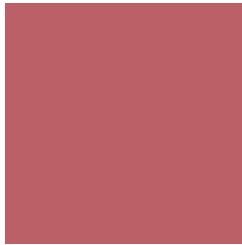
48.6100, 90.3160, 37.2280



9.4970, 17.8340, 7.1940

Previews

White Background



This preview shows how the YIQ color 124.0070, 51.9890, 21.4690 looks on a white background.

Color Contrast Check

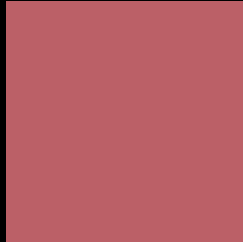
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.0070, 51.9890, 21.4690 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 124.0070, 51.9890, 21.4690

Background



This preview shows how black text looks on a background with the YIQ color 124.0070, 51.9890, 21.4690.



This preview shows how white text looks on a background with the YIQ color 124.0070, 51.9890,

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

124.0070, 51.9890, 21.4690

Protanopia

123.8110, 4.9060, -0.8060

Deuteranopia

124.1950, 21.3200, -0.9200



Tritanopia

124.0070, 51.9890, 21.4690

Trichromacy



Original Color

124.0070, 51.9890, 21.4690

Protanomaly

123.6500, 21.7770, 7.3210

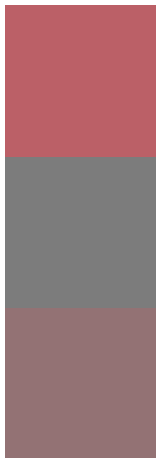
Deuteranomaly

124.3970, 32.7350, 6.9670

Tritanomaly

124.0070, 51.9890, 21.4690

Monochromacy



Original Color

124.0070, 51.9890, 21.4690

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.0950, 19.0260, 7.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.0070, 51.9890, 21.4690 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(187, 96, 103)` looks like.

```
.text, #text, p{  
    color:rgb(187, 96, 103)  
}
```

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(187, 96, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 96, 103) }
```

Border

The CSS property to change the border of an element to YIQ 124.0070, 51.9890, 21.4690 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(187, 96, 103) }
```


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

```
.border{ border-color:rgb(187, 96, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 96, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 96, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 96, 103);  
box-shadow:4px 4px 4px 4px rgb(187, 96,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 124.0070, 51.9890, 21.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 96, 103) }
```

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

```
.background{ background-color: rgb(187, 96,  
103) }
```

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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