

Converting Colors

YIQ(155.2420, 15.0790, 29.5990)

Have a look what the booklet for
YIQ(155.2420, 15.0790, 29.5990)
contains.

| | |
|--|----|
| YIQ(155.2420, 15.0790, 29.5990) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(155.2420, 15.0790,
29.5990)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BC84BD |
| RGB | 188, 132, 189 |
| RGB Percent | 74%, 52%, 74% |
| CMY | 0.2626, 0.4824, 0.2588 |
| CMYK | 0.01, 0.30, 0.00, 0.26 |
| HSL | 299°, 30%, 63% |
| HSV | 299°, 30%, 74% |
| XYZ | 38.1835, 30.8673, 52.0919 |
| YIQ | 155.2420, 15.0790, 29.5990 |

Conversions

Conversions Part 2

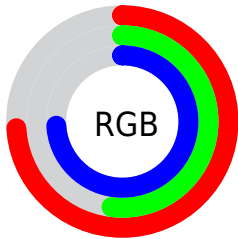
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 188, 132, 189 |
| Decimal | 12354749 |
| CIE Lab | 62.40, 31.02, -21.26 |
| CIE LCh | 62, 37.608, 325.579 |
| Yxy | 30.8673, 0.3152, 0.2548 |
| Android (android.graphics.Color) | 4290544829 (0xFFBC84BD) |
| YUV | 155.2420, 16.6427, 28.7288 |
| Hunter-Lab | 55.5584, 25.4502, -16.6998 |

Details

The YIQ color **155.2420, 15.0790, 29.5990** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165.7580, -15.0790, -29.5990**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3670, 16.2250, 30.8570**, and **103.1170, 13.9330, 28.3410** is the 20% darker color. If you saturate the color by 10%, you get **144.0890, 20.3040, 39.5360**, and if you desaturate by 10%, it is **166.3950, 9.8540, 19.6620**.

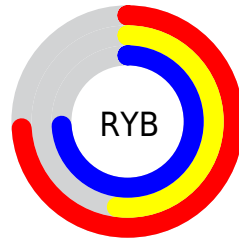
Distribution



Red (74%)

Green (52%)

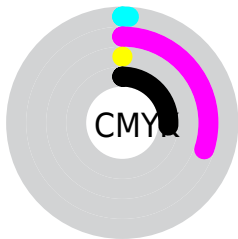
Blue (74%)



Red (74%)

Yellow (52%)

Blue (74%)

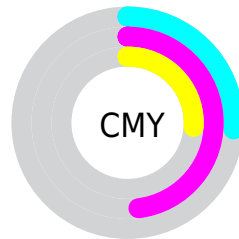


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (26%)



Cyan (26%)

Magenta (48%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.2420, 15.0790, 29.5990 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 155.2420, 15.0790, 29.5990 by changing the saturation by 10% instead.

155.2420, 15.0790,
29.5990

155.2420, 15.0790,
29.5990

255.0000, -0.0000,
-0.0000

128.8290, 14.8040,
29.0760

210.3670, 16.2250,
30.8570

103.1170, 13.9330,
28.3410

230.9330, 11.2750,
21.4430

78.2910, 13.3830,
27.2950

247.3690, 3.5750,
6.7990

54.5790, 12.5120,
26.5600

29.6930, 12.1910,
26.8710

15.6230, 9.2120,
20.2840

2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 155.2420, 15.0790,
29.5990

■ 155.2420, 15.0790,
29.5990

■ 144.0890, 20.3040,
39.5360

■ 166.3950, 9.8540,
19.6620

■ 132.6370, 24.9330,
49.2610

■ 177.8470, 5.2250,
9.9370

■ 121.4840, 30.1580,
59.1980

■ 189.0000, -0.0000,
-0.0000

■ 110.3310, 35.3830,
69.1350

■ 200.1530, -5.2250,
-9.9370

■ 98.8790, 40.0120,
78.8600

■ 211.0180, -9.5790,
-19.1390

■ 88.3130, 44.9620,
88.2740

■ 222.1710,
-14.8040, -29.0760

■ 77.1600, 50.1870,
98.2110

■ 228.0410,
-17.5540, -34.3060

■ 228.3400,
-16.9580, -34.0940

Harmonies

Analogous

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



152.5350, -19.7190, 21.4730



155.2420, 15.0790, 29.5990



154.3620, 40.9840, 28.1840

Triad

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



155.2420, 15.0790, 29.5990



148.7880, 38.1030, -13.2330



119.0220, -103.6590, -32.1950

Complementary

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



155.2420, 15.0790, 29.5990



165.7580, -15.0790, -29.5990

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.



131.2920, -60.5610, -31.3210



155.2420, 15.0790, 29.5990



145.6490, 13.2090, -24.6390

Square

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



155.2420, 15.0790, 29.5990



150.7010, 52.1300, 2.3860



140.7190, -19.3430, -29.4150



119.6380, -110.9050, -22.0170

Rectangle

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



155.2420, 15.0790, 29.5990



153.3490, 51.0260, 22.4020



140.7190, -19.3430, -29.4150



117.7680, -100.1280, -35.6160

Sweetspot

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



155.2420, 15.0790, 29.5990



231.7870, 5.4540, 11.2940



139.6720, -18.8470, 16.6810



114.3690, 3.5750, 6.7990



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.



155.2420, 15.0790, 29.5990



192.7460, 23.0080, 45.6000



152.4630, 24.3420, 21.4140



88.7170, 2.4750, 4.7070



64.3570, 41.6620, 81.9980



12.5040, 7.9290, 16.0010

Inverse Universe

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



149.1570, 33.6510, 12.3950



183.4260, 52.1270, 18.9670



168.5370, -24.3420, -21.4140



87.6910, 5.3640, 1.9080



47.5840, 93.2050, 34.4290



9.3830, 18.1550, 6.8830

Previews

White Background



This preview shows how the YIQ color 155.2420, 15.0790, 29.5990 looks on a white background.

Color Contrast Check

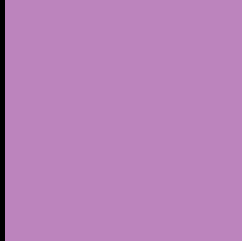
Large Text (above 18pt) WCAG AA × Fail

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 155.2420, 15.0790, 29.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

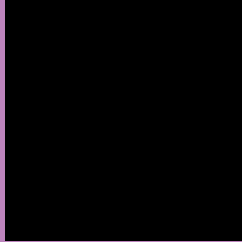
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.2420, 15.0790, 29.5990

Background



This preview shows how black text looks on a background with the YIQ color 155.2420, 15.0790, 29.5990.



This preview shows how white text looks on a background with the YIQ color 155.2420, 15.0790,

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

155.2420, 15.0790, 29.5990

Protanopia

151.4540, -24.1650, 13.9390

Deuteranopia

152.3320, -12.1980, 11.8180



Tritanopia

153.4100, 22.6930, 12.7490

Trichromacy



Original Color

155.2420, 15.0790, 29.5990

Protanomaly

153.0430, -9.5860, 19.5500

Deuteranomaly

153.4090, -1.9290, 18.4470

Tritanomaly

153.8430, 20.2160, 19.0960

Monochromacy



Original Color

155.2420, 15.0790, 29.5990

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.2600, 5.5000, 10.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.2420, 15.0790, 29.5990 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(188, 132, 189)` looks like.

```
.text, #text, p{  
    color:rgb(188, 132, 189)  
}
```

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(188, 132, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 132, 189) }
```

Border

The CSS property to change the border of an element to YIQ 155.2420, 15.0790, 29.5990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

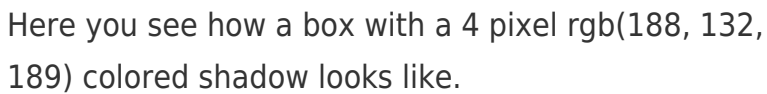
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 132, 189) }
```


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

```
.border{ border-color:rgb(188, 132, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 132, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 132, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 132, 189); box-shadow:4px 4px 4px 4px rgb(188, 132, 189) }
```

Background

The CSS property to change the background color of an element to YIQ 155.2420, 15.0790, 29.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 132, 189) }
```

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

```
.background{ background-color: rgb(188,  
132, 189) }
```

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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