

Converting Colors

YIQ(155.2270, 19.4350, 27.7470)

Have a look what the booklet for
YIQ(155.2270, 19.4350, 27.7470)
contains.

YIQ(155.2270, 19.4350, 27.7470)	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(155.2270, 19.4350,
27.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	BF84B5
RGB	191, 132, 181
RGB Percent	75%, 52%, 71%
CMY	0.2508, 0.4824, 0.2902
CMYK	0.00, 0.31, 0.05, 0.25
HSL	310°, 32%, 63%
HSV	310°, 31%, 75%
XYZ	38.0863, 30.9145, 47.6812
YIQ	155.2270, 19.4350, 27.7470

Conversions

Conversions Part 2

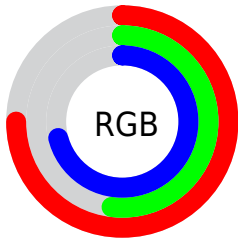
Format	Color
R_{YB}	191, 132, 181
Decimal	12551349
CIE _{Lab}	62.44, 30.54, -16.64
CIE _{LCh}	62, 34.779, 331.408
Yxy	30.9145, 0.3264, 0.2649
Android (android.graphics.Color)	4290741429 (0xFFBF84B5)
YUV	155.2270, 12.7061, 31.3729
Hunter-Lab	55.6008, 24.9703, -11.9244

Details

The YIQ color **155.2270, 19.4350, 27.7470** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167.7730, -19.4350, -27.7470**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3520, 20.5810, 29.0050**, and **103.1020, 18.2890, 26.4890** is the 20% darker color. If you saturate the color by 10%, you get **143.7320, 25.6230, 36.7510**, and if you desaturate by 10%, it is **166.7220, 13.2470, 18.7430**.

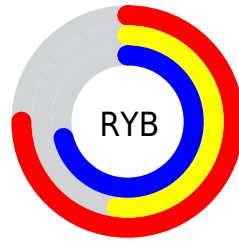
Distribution



Red (75%)

Green (52%)

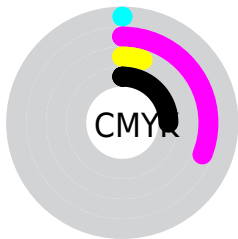
Blue (71%)



Red (75%)

Yellow (52%)

Blue (71%)

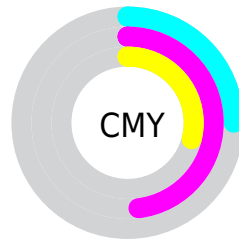


Cyan (0%)

Magenta (31%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.2270, 19.4350, 27.7470 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 155.2270, 19.4350, 27.7470 by changing the saturation by 10% instead.

155.2270, 19.4350,
27.7470

155.2270, 19.4350,
27.7470

255.0000, -0.0000,
-0.0000

128.5150, 18.5640,
27.0120

210.3520, 20.5810,
29.0050

103.1020, 18.2890,
26.4890

230.9330, 11.2750,
21.4430

78.3900, 17.4180,
25.7540

247.3690, 3.5750,
6.7990

54.3790, 15.9510,
24.8070

29.9060, 15.9050,
25.6410

15.8360, 12.9260,
19.0540

1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 155.2270, 19.4350,
27.7470

■ 155.2270, 19.4350,
27.7470

■ 143.7320, 25.6230,
36.7510

■ 166.7220, 13.2470,
18.7430

■ 132.2370, 31.8110,
45.7550

■ 178.3310, 6.7380,
10.0500

■ 120.6280, 38.3200,
54.4480

■ 189.8260, 0.5500,
1.0460

■ 109.1330, 44.5080,
63.4520

■ 201.3210, -5.6380,
-7.9580

■ 97.0510, 50.9710,
72.9790

■ 213.4030,
-12.1010, -17.4850

85.5560, 57.1590,
81.9830

224.8980,
-18.2890, -26.4890

75.2350, 62.7970,
89.9410

230.0500,
-21.7730, -29.4290

230.3920,
-22.7360, -28.4960

230.7340,
-23.6990, -27.5630

Harmonies

Analogous

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



153.2540, -11.5580, 22.2500



155.2270, 19.4350, 27.7470



154.2540, 41.1680, 24.8480

Triad

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



155.2270, 19.4350, 27.7470



149.0260, 31.5010, -14.7310



121.4680, -98.9830, -28.8310

Complementary

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



155.2270, 19.4350, 27.7470



167.7730, -19.4350, -27.7470

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.



132.2860, -60.4240, -28.2960



155.2270, 19.4350, 27.7470



145.3540, 6.7900, -23.9460

Square

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



155.2270, 19.4350, 27.7470



151.0700, 46.5370, -0.8790



140.4350, -24.2950, -27.7750



133.8980, -79.0420, -10.2580

Rectangle

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



155.2270, 19.4350, 27.7470



153.0450, 48.8260, 18.2180



140.4350, -24.2950, -27.7750



124.8130, -86.8330, -28.7610

Sweetspot

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



155.2270, 19.4350, 27.7470



233.7440, 7.0130, 10.5730



141.7160, -12.9790, 20.4690



116.5540, 4.4920, 6.7000



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



155.2270, 19.4350, 27.7470



191.8730, 29.8400, 42.9280



151.9210, 28.7440, 18.7280



88.6030, 2.7960, 4.3960



62.1760, 52.1170, 74.2370



12.1190, 10.4510, 14.3470

Inverse Universe

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



155.2270, 19.4350, 27.7470



191.8730, 29.8400, 42.9280



171.0790, -28.7440, -18.7280



88.6030, 2.7960, 4.3960



62.1760, 52.1170, 74.2370



12.1190, 10.4510, 14.3470

Previews

White Background



This preview shows how the YIQ color 155.2270, 19.4350, 27.7470 looks on a white background.

Color Contrast Check

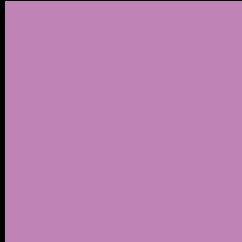
Large Text (above 18pt) WCAG AA × Fail

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 155.2270, 19.4350, 27.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

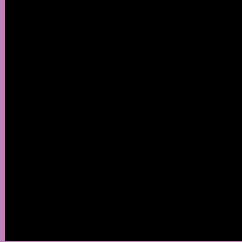
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.2270, 19.4350, 27.7470

Background



This preview shows how black text looks on a background with the YIQ color 155.2270, 19.4350, 27.7470.



This preview shows how white text looks on a background with the YIQ color 155.2270, 19.4350,

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

155.2270, 19.4350, 27.7470

Protanopia

151.9120, -19.7630, 11.2530

Deuteranopia

152.9150, -6.6500, 10.3900



Tritanopia

153.9050, 25.6730, 13.8090

Trichromacy



Original Color

155.2270, 19.4350, 27.7470

Protanomaly

153.0280, -5.2300, 17.6980

Deuteranomaly

153.6930, 3.0230, 16.8070

Tritanomaly

154.3980, 22.9670, 18.7990

Monochromacy



Original Color

155.2270, 19.4350, 27.7470

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.2170, 7.0590, 9.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.2270, 19.4350, 27.7470 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(191, 132, 181)` looks like.

```
.text, #text, p{  
    color:rgb(191, 132, 181)  
}
```

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(191, 132, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 132, 181) }
```

Border

The CSS property to change the border of an element to YIQ 155.2270, 19.4350, 27.7470 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(191, 132, 181) }
```


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

```
.border{ border-color:rgb(191, 132, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 132, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 132, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 132, 181);  
box-shadow:4px 4px 4px 4px rgb(191, 132,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 155.2270, 19.4350, 27.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 132, 181) }
```

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

```
.background{ background-color: rgb(191,  
132, 181) }
```

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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