

Converting Colors

YIQ(102.6170, 1.3220, 42.1380)

Have a look what the booklet for
YIQ(102.6170, 1.3220, 42.1380)
contains.

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Color

**YIQ(102.6170, 1.3220,
42.1380)**

Conversions

Conversions Part 1

Format	Color
Hex	824BAD
RGB	130, 75, 173
RGB Percent	51%, 29%, 68%
CMY	0.4900, 0.7060, 0.3216
CMYK	0.25, 0.57, 0.00, 0.32
HSL	274°, 40%, 49%
HSV	274°, 57%, 68%
XYZ	19.2690, 12.7952, 40.9801
YIQ	102.6170, 1.3220, 42.1380

Conversions

Conversions Part 2

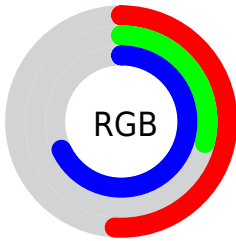
Format	Color
R_{YB}	130, 75, 173
Decimal	8539053
CIE _{Lab}	42.45, 41.77, -43.62
CIE _{LCh}	42, 60.396, 313.762
Yxy	12.7952, 0.2638, 0.1752
Android (android.graphics.Color)	4286729133 (0xFF824BAD)
YUV	102.6170, 34.6988, 24.0149
Hunter-Lab	35.7704, 33.5576, -42.8861

Details

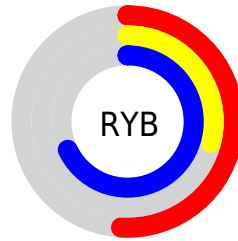
The YIQ color **102.6170, 1.3220, 42.1380** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **145.3830, -1.3220, -42.1380**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.3830, 2.1010, 44.5410**, and **51.3780, 0.4970, 40.5690** is the 20% darker color. If you saturate the color by 10%, you get **90.2460, 1.2290, 49.3330**, and if you desaturate by 10%, it is **114.9880, 1.4150, 34.9430**.

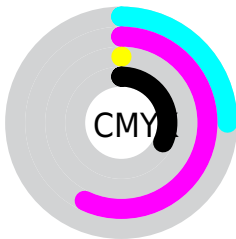
Distribution



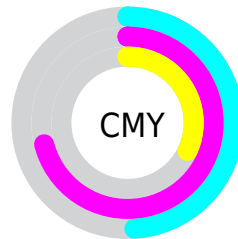
- Red (51%)
- Green (29%)
- Blue (68%)



- Red (51%)
- Yellow (29%)
- Blue (68%)



- Cyan (25%)
- Magenta (57%)
- Yellow (0%)
- Black (32%)



- Cyan (49%)
- Magenta (71%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.6170, 1.3220, 42.1380 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 102.6170, 1.3220, 42.1380 by changing the saturation by 10% instead.

102.6170, 1.3220,
42.1380

102.6170, 1.3220,
42.1380

255.0000, -0.0000,
-0.0000

76.7910, 0.7720,
41.0920

155.3830, 2.1010,
44.5410

51.3780, 0.4970,
40.5690

182.8670, 3.6140,
44.6540

26.0790, -0.0990,
40.3570

207.3870, 13.4730,
36.6810

16.0530, -6.3780,
27.4940

227.4110, 12.9250,
24.5810

5.3580, -15.0870,
14.6170

243.8470, 5.2250,
9.9370

3.4370, -8.3000,
7.2520

0.0000, 0.0000,

0.0000

■ 102.6170, 1.3220,
42.1380

■ 102.6170, 1.3220,
42.1380

■ 90.2460, 1.2290,
49.3330

■ 114.9880, 1.4150,
34.9430

■ 77.5870, 2.0070,
57.2630

■ 127.6470, 0.6370,
27.0130

■ 65.2160, 1.9140,
64.4580

■ 140.0180, 0.7300,
19.8180

■ 53.1440, 2.4170,
71.8650

■ 152.0900, 0.2270,
12.4110

■ 48.7250, 2.2790,
74.3670

■ 164.4610, 0.3200,
5.2160

■ 177.4190, 0.1380,
-2.5020

■ 189.4910, -0.3650,
-9.9090

■ 201.8620, -0.2720,
-17.1040

■ 214.5210, -1.0500,
-25.0340

Harmonies

Analogous

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



80.6850, -90.7830, 9.8010



102.6170, 1.3220, 42.1380



95.2070, 49.6910, 52.1150

Triad

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



102.6170, 1.3220, 42.1380



94.4130, 61.0280, -15.7080



85.6360, -73.0330, -25.5530

Complementary

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



102.6170, 1.3220, 42.1380



145.3830, -1.3220, -42.1380

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.



79.0070, -55.7450, -41.5130



102.6170, 1.3220, 42.1380



91.5350, 30.7250, -33.7150

Square

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



102.6170, 1.3220, 42.1380



93.2420, 75.8320, 13.3680



80.5770, -13.7920, -47.4240



90.2930, -87.5240, -10.7240

Rectangle

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



102.6170, 1.3220, 42.1380



90.0380, 69.0400, 48.3680



80.5770, -13.7920, -47.4240



83.5840, -67.2550, -31.1510

Sweetspot

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



102.6170, 1.3220, 42.1380



196.9100, 0.9140, 16.4820



112.0000, -43.5580, 7.4660



96.0960, 0.0900, 9.3860



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



102.6170, 1.3220, 42.1380



115.0420, 2.4640, 65.5040



114.9040, 28.5550, 49.6990



80.5210, 0.0910, 3.8590



42.5150, 2.5100, 64.6700



6.5090, 0.3650, 9.9090

Inverse Universe

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



109.2040, 44.6050, 34.1490



125.0860, 69.0850, 53.0610



133.0960, -28.5550, -49.6990



81.1470, 4.0800, 3.1520



52.3740, 68.2140, 52.3260



8.0170, 10.4980, 7.9860

Previews

White Background



This preview shows how the YIQ color 102.6170, 1.3220, 42.1380 looks on a white 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

Black Background



This preview shows how the YIQ color 102.6170, 1.3220, 42.1380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

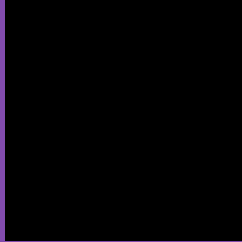
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 102.6170, 1.3220, 42.1380

Background



This preview shows how black text looks on a background with the YIQ color 102.6170, 1.3220, 42.1380.



This preview shows how white text looks on a background with the YIQ color 102.6170, 1.3220,

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

102.6170, 1.3220, 42.1380

Protanopia

91.7270, -64.2380, 18.8180

Deuteranopia

94.8840, -48.9230, 11.0850



Tritanopia

101.9740, 12.0570, 7.2650

Trichromacy



Original Color

102.6170, 1.3220, 42.1380

Protanomaly

95.6870, -40.3980, 27.2980

Deuteranomaly

97.9020, -30.9980, 22.1380

Tritanomaly

102.0250, 8.0200, 19.8600

Monochromacy



Original Color

102.6170, 1.3220, 42.1380

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

102.9700, 0.6850, 15.1250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.6170, 1.3220, 42.1380 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(130, 75, 173)` looks like.

```
.text, #text, p{  
    color:rgb(130, 75, 173)  
}
```

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(130, 75, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 75, 173) }
```

Border

The CSS property to change the border of an element to YIQ 102.6170, 1.3220, 42.1380 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(130, 75, 173) }
```


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

```
.border{ border-color:rgb(130, 75, 173) }
```

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

Here you see how a box with a 4 pixel rgb(130, 75, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 75, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 75, 173);  
box-shadow:4px 4px 4px 4px rgb(130, 75,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 102.6170, 1.3220, 42.1380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 75, 173) }
```

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

```
.background{ background-color: rgb(130, 75,  
173) }
```

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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