

Converting Colors

YIQ(165.0970, 7.5170, 12.4530)

Have a look what the booklet for
YIQ(165.0970, 7.5170, 12.4530)
contains.

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Color

**YIQ(165.0970, 7.5170,
12.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	B49BB2
RGB	180, 155, 178
RGB Percent	71%, 61%, 70%
CMY	0.2940, 0.3922, 0.3019
CMYK	0.00, 0.14, 0.01, 0.29
HSL	305°, 14%, 66%
HSV	305°, 14%, 71%
XYZ	38.5826, 36.3592, 47.1056
YIQ	165.0970, 7.5170, 12.4530

Conversions

Conversions Part 2

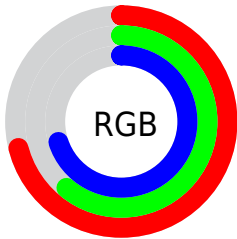
Format	Color
RYB	180, 155, 178
Decimal	11836338
CIELab	66.79, 13.35, -8.52
CIELCh	67, 15.832, 327.459
Yxy	36.3592, 0.3161, 0.2979
Android (android.graphics.Color)	4290026418 (0xFFB49BB2)
YUV	165.0970, 6.3612, 13.0699
Hunter-Lab	60.2986, 8.6921, -4.1086

Details

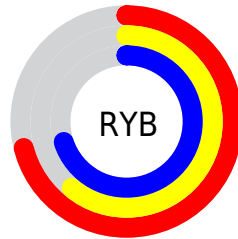
The YIQ color **165.0970, 7.5170, 12.4530** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169.9030, -7.5170, -12.4530**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.5100, 7.7920, 12.9760**, and **113.2710, 6.9670, 11.4070** is the 20% darker color. If you saturate the color by 10%, you get **154.4170, 12.7880, 21.5560**, and if you desaturate by 10%, it is **175.7770, 2.2460, 3.3500**.

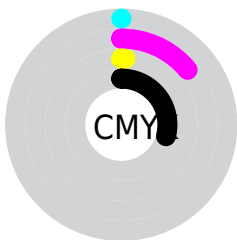
Distribution



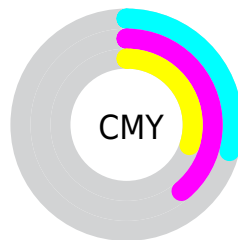
- Red (71%)
- Green (61%)
- Blue (70%)



- Red (71%)
- Yellow (61%)
- Blue (70%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.0970, 7.5170, 12.4530 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 165.0970, 7.5170, 12.4530 by changing the saturation by 10% instead.

■ 165.0970, 7.5170,
12.4530

■ 165.0970, 7.5170,
12.4530

255.0000, -0.0000,
-0.0000

■ 138.6840, 7.2420,
11.9300

■ 219.9230, 8.0670,
13.4990

■ 113.2710, 6.9670,
11.4070

■ 245.0210, 4.6750,
8.8910

■ 88.8580, 6.6920,
10.8840

■ 65.4450, 6.4170,
10.3610

■ 43.1460, 5.8210,
10.1490

■ 21.7330, 5.5460,
9.6260

■ 0.7980, -2.2470,

2.1770

0.0000, 0.0000,
0.0000

165.0970, 7.5170,
12.4530

165.0970, 7.5170,
12.4530

154.4170, 12.7880,
21.5560

175.7770, 2.2460,
3.3500

143.6230, 18.3800,
30.3480

186.5710, -3.3460,
-5.4420

132.9430, 23.6510,
39.4510

197.2510, -8.6170,
-14.5450

122.1490, 29.2430,
48.2430

208.0450,
-14.2090, -23.3370

111.4690, 34.5140,
57.3460

218.7250,
-19.4800, -32.4400

■ 100.6750, 40.1060,
66.1380

■ 224.8230,
-22.8720, -37.0480

■ 89.9950, 45.3770,
75.2410

■ 224.9370,
-23.1930, -36.7370

■ 79.2010, 50.9690,
84.0330

■ 225.1650,
-23.8350, -36.1150

■ 72.7440, 53.9940,
89.7860

■ 225.2790,
-24.1560, -35.8040

Harmonies

Analogous

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



163.8010, -6.3290, 10.0790



165.0970, 7.5170, 12.4530



165.3170, 18.5210, 11.2650

Triad

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



165.0970, 7.5170, 12.4530



162.1080, 17.0110, -5.4290



157.1150, -28.4250, -7.9850

Complementary

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



165.0970, 7.5170, 12.4530



169.9030, -7.5170, -12.4530

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.



157.6010, -21.2260, -11.8020



165.0970, 7.5170, 12.4530



160.6010, 5.1370, -10.5030

Square

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



165.0970, 7.5170, 12.4530



163.9180, 23.6580, 0.7620



158.7180, -8.4340, -12.3540



158.6900, -28.4260, -2.4580

Rectangle

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



165.0970, 7.5170, 12.4530



165.1880, 23.1980, 9.1020



158.7180, -8.4340, -12.3540



157.4310, -26.4990, -9.8510

Sweetspot

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



165.0970, 7.5170, 12.4530



229.0160, 3.0710, 4.9190



158.4480, -6.8330, 8.1990



113.4780, 1.6500, 3.1380



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



165.0970, 7.5170, 12.4530



211.0640, 12.2840, 19.6760



163.7290, 11.3690, 8.7210



83.7170, 2.4750, 4.7070



61.8210, 45.9270, 76.2870



10.3960, 8.1130, 12.6650

Inverse Universe

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



165.0970, 7.5170, 12.4530



211.0640, 12.2840, 19.6760



171.2710, -11.3690, -8.7210



83.7170, 2.4750, 4.7070



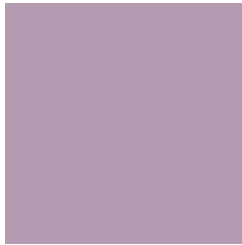
61.8210, 45.9270, 76.2870



10.3960, 8.1130, 12.6650

Previews

White Background



This preview shows how the YIQ color 165.0970, 7.5170, 12.4530 looks on a white background.

Color Contrast Check

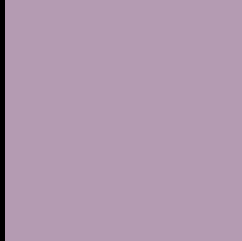
Large Text (above 18pt) WCAG AA × Fail

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 165.0970, 7.5170, 12.4530 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 165.0970, 7.5170, 12.4530

Background



This preview shows how black text looks on a background with the YIQ color 165.0970, 7.5170, 12.4530.



This preview shows how white text looks on a background with the YIQ color 165.0970, 7.5170,

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

165.0970, 7.5170, 12.4530

Protanopia

163.0950, -7.3370, 6.3190

Deuteranopia

164.3520, 2.2450, 8.8770



Tritanopia

164.9460, 9.2600, 8.3960

Trichromacy



Original Color

165.0970, 7.5170, 12.4530

Protanomaly

163.9000, -2.2940, 8.5380

Deuteranomaly

164.6620, 4.3080, 10.0360

Tritanomaly

164.7010, 8.5720, 9.8520

Monochromacy



Original Color

165.0970, 7.5170, 12.4530

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.0970, 7.5170, 12.4530 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(180, 155, 178)` looks like.

```
.text, #text, p{  
    color:rgb(180, 155, 178)  
}
```

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(180, 155, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 155, 178) }
```

Border

The CSS property to change the border of an element to YIQ 165.0970, 7.5170, 12.4530 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(180, 155, 178) }
```


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

```
.border{ border-color:rgb(180, 155, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 155, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 155, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 155, 178);  
box-shadow:4px 4px 4px 4px rgb(180, 155,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 165.0970, 7.5170, 12.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 155, 178) }
```

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

```
.background{ background-color: rgb(180,  
155, 178) }
```

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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