

Converting Colors

YIQ(121.2370, 4.3070, 15.5630)

Have a look what the booklet for
YIQ(121.2370, 4.3070, 15.5630)
contains.

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Color

**YIQ(121.2370, 4.3070,
15.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	876E8F
RGB	135, 110, 143
RGB Percent	53%, 43%, 56%
CMY	0.4705, 0.5687, 0.4392
CMYK	0.06, 0.23, 0.00, 0.44
HSL	285°, 13%, 50%
HSV	285°, 23%, 56%
XYZ	20.5275, 18.2853, 28.4332
YIQ	121.2370, 4.3070, 15.5630

Conversions

Conversions Part 2

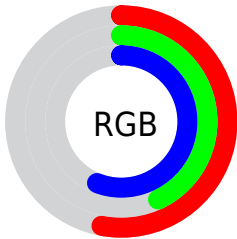
Format	Color
R _Y B	135, 110, 143
Decimal	8875663
CIE Lab	49.84, 16.19, -14.32
CIE LCh	50, 21.615, 318.516
Yxy	18.2853, 0.3053, 0.2719
Android (android.graphics.Color)	4287065743 (0xFF876E8F)
YUV	121.2370, 10.7292, 12.0702
Hunter-Lab	42.7613, 10.8564, -9.4907

Details

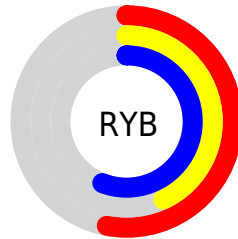
The YIQ color $121.2370, 4.3070, 15.5630$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $131.7630, -4.3070, -15.5630$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $174.0630, 4.8570, 16.6090$, and $72.4110, 3.7570, 14.5170$ is the 20% darker color. If you saturate the color by 10%, you get $112.1220, 6.3690, 22.2490$, and if you desaturate by 10%, it is $130.3520, 2.2450, 8.8770$.

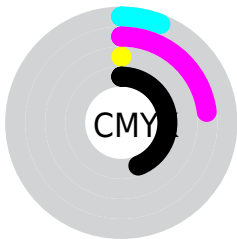
Distribution



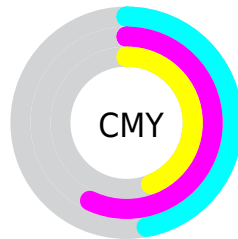
- Red (53%)
- Green (43%)
- Blue (56%)



- Red (53%)
- Yellow (43%)
- Blue (56%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (44%)



- Cyan (47%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.2370, 4.3070, 15.5630 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 121.2370, 4.3070, 15.5630 by changing the saturation by 10% instead.

■ 121.2370, 4.3070,
15.5630

■ 121.2370, 4.3070,
15.5630

■ 255.0000, -0.0000,
-0.0000

■ 96.7100, 4.3530,
14.7290

■ 174.0630, 4.8570,
16.6090

■ 72.4110, 3.7570,
14.5170

■ 201.1770, 4.5360,
16.9200

■ 49.5850, 3.2070,
13.4710

■ 229.4760, 5.1320,
17.1320

■ 28.1720, 2.9320,
12.9480

■ 249.1300, 2.7500,
5.2300

■ 9.2430, 4.1700,
12.5380

■ 0.0000, 0.0000,
0.0000

121.2370, 4.3070,
15.5630

121.2370, 4.3070,
15.5630

112.1220, 6.3690,
22.2490

130.3520, 2.2450,
8.8770

102.1210, 8.1100,
29.2460

140.3530, 0.5040,
1.8800

93.0060, 10.1720,
35.9320

149.4680, -1.5580,
-4.8060

83.5920, 11.6380,
42.4060

158.8820, -3.0240,
-11.2800

73.8900, 13.9750,
49.6150

167.9970, -5.0860,
-17.9660

64.4760, 15.4410,
56.0890

177.9980, -6.8270,
-24.9630

55.3610, 17.5030,
62.7750


187.1130, -8.8890,
-31.6490

48.5940, 18.4650,

196.5270,

67.3690

-10.3550, -38.1230

 206.2290,
-12.6920, -45.3320

Harmonies

Analogous

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



119.0220, -14.2610, 10.6590



121.2370, 4.3070, 15.5630



121.4360, 19.8040, 15.5480

Triad

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



121.2370, 4.3070, 15.5630



118.2290, 23.9800, -5.0760



109.3800, -39.6570, -13.6810

Complementary

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



121.2370, 4.3070, 15.5630



131.7630, -4.3070, -15.5630

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.



111.1120, -24.3430, -15.8870



121.2370, 4.3070, 15.5630



116.3690, 11.6020, -12.0300

Square

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



121.2370, 4.3070, 15.5630



119.6200, 30.4890, 3.6170



114.2790, -5.8200, -15.6760



110.5140, -42.7300, -7.5460

Rectangle

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



121.2370, 4.3070, 15.5630



120.9760, 26.9110, 13.3990



114.2790, -5.8200, -15.6760



109.7780, -35.0260, -15.0100

Sweetspot

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



121.2370, 4.3070, 15.5630



177.4720, 1.7870, 6.1630



118.4580, -12.7930, 6.0790



89.5920, 1.3290, 3.4490



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.2370, 4.3070, 15.5630



151.8880, 7.1480, 24.6520



122.7170, 11.6430, 14.7710



66.5920, 1.3290, 3.4490



45.8880, 17.4570, 63.6090



2.7060, 1.0080, 3.7600

Inverse Universe

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



120.7790, 17.1000, 9.4840



151.0300, 26.8190, 15.0670



130.2830, -11.6430, -14.7710



66.3210, 3.5300, 2.1060



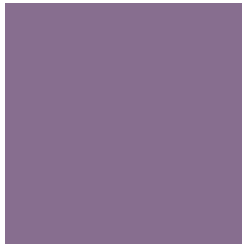
44.1270, 69.8670, 38.8830



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 121.2370, 4.3070, 15.5630 looks on a white background.

Color Contrast Check

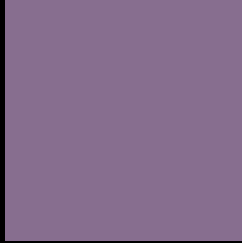
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.2370, 4.3070, 15.5630 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 121.2370, 4.3070, 15.5630

Background



This preview shows how black text looks on a background with the YIQ color 121.2370, 4.3070, 15.5630.



This preview shows how white text looks on a background with the YIQ color 121.2370, 4.3070,

15.5630.

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

121.2370, 4.3070, 15.5630

Protanopia

118.7400, -13.5270, 8.3690

Deuteranopia

119.8610, -6.5580, 8.7220



Tritanopia

120.4080, 7.8390, 6.6150

Trichromacy



Original Color

121.2370, 4.3070, 15.5630

Protanomaly

119.4420, -6.6960, 11.2240

Deuteranomaly

120.4810, -2.4320, 11.0400

Tritanomaly

120.9180, 6.4630, 9.5270

Monochromacy



Original Color

121.2370, 4.3070, 15.5630

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0590, 1.5120, 5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.2370, 4.3070, 15.5630 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(135, 110, 143)` looks like.

```
.text, #text, p{  
    color:rgb(135, 110, 143)  
}
```

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(135, 110, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 110, 143) }
```

Border

The CSS property to change the border of an element to YIQ 121.2370, 4.3070, 15.5630 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(135, 110, 143) }
```


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

```
.border{ border-color:rgb(135, 110, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 110, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 110, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 110, 143); box-shadow:4px 4px 4px 4px rgb(135, 110, 143) }
```

Background

The CSS property to change the background color of an element to YIQ 121.2370, 4.3070, 15.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 110, 143) }
```

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

```
.background{ background-color: rgb(135,  
110, 143) }
```

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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