

Converting Colors

YIQ(88.2440, 11.5970, 15.6050)

Have a look what the booklet for
YIQ(88.2440, 11.5970, 15.6050)
contains.

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Color

**YIQ(88.2440, 11.5970,
15.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4B66
RGB	109, 75, 102
RGB Percent	43%, 29%, 40%
CMY	0.5724, 0.7059, 0.6000
CMYK	0.00, 0.31, 0.06, 0.57
HSL	312°, 18%, 36%
HSV	312°, 31%, 43%
XYZ	11.2234, 9.2425, 13.7645
YIQ	88.2440, 11.5970, 15.6050

Conversions

Conversions Part 2

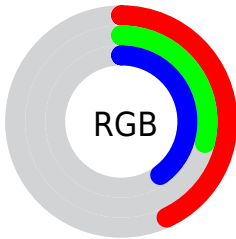
Format	Color
R_{YB}	109, 75, 102
Decimal	7162726
CIE Lab	36.45, 19.24, -9.95
CIE LCh	36, 21.657, 332.649
Yxy	9.2425, 0.3279, 0.2700
Android (android.graphics.Color)	4285352806 (0xFF6D4B66)
YUV	88.2440, 6.7817, 18.2030
Hunter-Lab	30.4014, 12.6953, -5.5630

Details

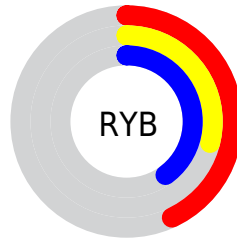
The YIQ color **88.2440, 11.5970, 15.6050** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.7560, -11.5970, -15.6050**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.3690, 12.7430, 16.8630**, and **42.1190, 10.4510, 14.3470** is the 20% darker color. If you saturate the color by 10%, you get **81.5590, 15.2640, 20.7360**, and if you desaturate by 10%, it is **94.9290, 7.9300, 10.4740**.

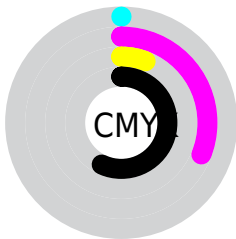
Distribution



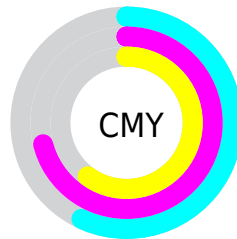
- Red (43%)
- Green (29%)
- Blue (40%)



- Red (43%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (57%)



- Cyan (57%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.2440, 11.5970, 15.6050 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 88.2440, 11.5970, 15.6050 by changing the saturation by 10% instead.

■ 88.2440, 11.5970,
15.6050

■ 88.2440, 11.5970,
15.6050

■ 255.0000, -0.0000,
-0.0000

■ 64.5320, 10.7260,
14.8700

■ 138.3690, 12.7430,
16.8630

■ 42.1190, 10.4510,
14.3470

■ 164.7820, 13.0180,
17.3860

■ 19.9340, 9.5340,
14.4460

■ 192.0810, 13.6140,
17.5980

■ 2.8200, 0.6870,
4.0710

■ 220.4940, 13.8890,
18.1210

■ 0.0000, 0.0000,
0.0000

■ 242.0860, 6.0500,
11.5060

88.2440, 11.5970,
15.6050

88.2440, 11.5970,
15.6050

81.5590, 15.2640,
20.7360

94.9290, 7.9300,
10.4740

74.8740, 18.9310,
25.8670

101.7280, 3.9420,
5.6540

68.0750, 22.9190,
30.6870

108.4130, 0.2750,
0.5230

61.3900, 26.5860,
35.8180

115.0980, -3.3920,
-4.6080

54.7050, 30.2530,
40.9490

121.7830, -7.0590,
-9.7390

48.6070, 33.6450,
45.5570


127.8810,
-10.4510, -14.3470

42.5090, 37.0370,
50.1650

134.6800,
-14.4390, -19.1670

141.3650,

-18.1060, -24.2980

 148.0500,
-21.7730, -29.4290

Harmonies

Analogous

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



87.5670, -5.5500, 12.4820



88.2440, 11.5970, 15.6050



87.5350, 23.8390, 14.0070

Triad

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



88.2440, 11.5970, 15.6050



84.4130, 17.4700, -8.2420



73.6010, -47.5890, -13.1010

Complementary

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



88.2440, 11.5970, 15.6050



95.7560, -11.5970, -15.6050

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.



76.1480, -33.1920, -15.2080



88.2440, 11.5970, 15.6050



82.2370, 3.1660, -13.3300

Square

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



88.2440, 11.5970, 15.6050



85.5330, 26.1800, -0.8920



80.0870, -14.0270, -15.6190



77.6930, -41.6760, -4.6200

Rectangle

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



88.2440, 11.5970, 15.6050



87.0530, 28.0120, 9.9640



80.0870, -14.0270, -15.6190



73.6290, -44.7920, -14.2320

Sweetspot

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



88.2440, 11.5970, 15.6050



135.0270, 4.5380, 5.8660



80.9690, -6.7420, 12.0580



66.7770, 2.2460, 3.3500



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



88.2440, 11.5970, 15.6050



110.6350, 18.1060, 24.2980



86.3060, 17.0540, 10.3180



50.2500, 2.2920, 2.5160



45.5850, 39.8790, 53.7270



95.3710, 83.7460, 112.2740

Inverse Universe

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



88.2440, 11.5970, 15.6050



110.6350, 18.1060, 24.2980



97.6940, -17.0540, -10.3180



50.2500, 2.2920, 2.5160



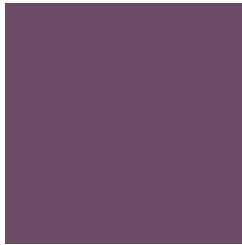
45.5850, 39.8790, 53.7270



95.3710, 83.7460, 112.2740

Previews

White Background



This preview shows how the YIQ color 88.2440, 11.5970, 15.6050 looks on a white background.

Color Contrast Check

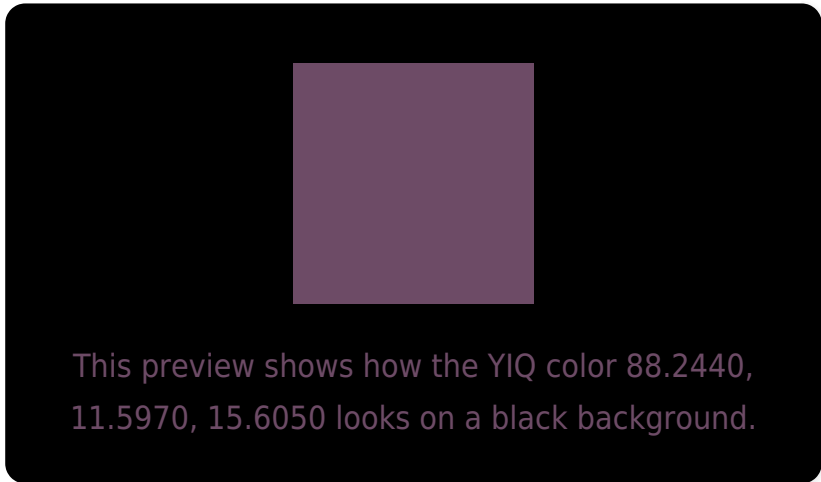
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

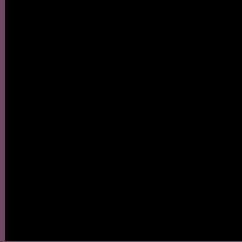
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.2440, 11.5970, 15.6050

Background



This preview shows how black text looks on a background with the YIQ color 88.2440, 11.5970, 15.6050.



This preview shows how white text looks on a background with the YIQ color 88.2440, 11.5970,

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

88.2440, 11.5970, 15.6050

Protanopia

86.2410, -10.6840, 6.4040

Deuteranopia

86.7210, -3.3480, 5.6120



Tritanopia

87.3550, 15.3580, 8.0140

Trichromacy



Original Color

88.2440, 11.5970, 15.6050

Protanomaly

86.8400, -2.0650, 9.8950

Deuteranomaly

87.4660, 1.9240, 9.1880

Tritanomaly

87.8650, 13.9820, 10.9260

Monochromacy



Original Color

88.2440, 11.5970, 15.6050

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.0270, 4.5380, 5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.2440, 11.5970, 15.6050 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(109, 75, 102)` looks like.

```
.text, #text, p{  
    color:rgb(109, 75, 102)  
}
```

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(109, 75, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 75, 102) }
```

Border

The CSS property to change the border of an element to YIQ 88.2440, 11.5970, 15.6050 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(109, 75, 102) }
```


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

```
.border{ border-color:rgb(109, 75, 102) }
```

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

Here you see how a box with a 4 pixel rgb(109, 75, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 75, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 75, 102);  
box-shadow:4px 4px 4px 4px rgb(109, 75,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 88.2440, 11.5970, 15.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 75, 102) }
```

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

```
.background{ background-color: rgb(109, 75,  
102) }
```

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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