

Converting Colors

YIQ(87.4600, 11.2290, 22.2770)

Have a look what the booklet for
YIQ(87.4600, 11.2290, 22.2770)
contains.

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Color

**YIQ(87.4600, 11.2290,
22.2770)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 704671 |
| RGB | 112, 70, 113 |
| RGB Percent | 44%, 27%, 44% |
| CMY | 0.5607, 0.7255, 0.5568 |
| CMYK | 0.01, 0.38, 0.00, 0.56 |
| HSL | 299°, 24%, 36% |
| HSV | 299°, 38%, 44% |
| XYZ | 11.8561, 9.0173, 16.7393 |
| YIQ | 87.4600, 11.2290, 22.2770 |

Conversions

Conversions Part 2

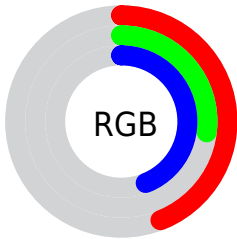
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 112, 70, 113 |
| Decimal | 7358065 |
| CIE _{Lab} | 36.02, 25.61, -17.46 |
| CIE _{LCh} | 36, 30.995, 325.724 |
| Yxy | 9.0173, 0.3152, 0.2397 |
| Android (android.graphics.Color) | 4285548145 (0xFF704671) |
| YUV | 87.4600, 12.5912, 21.5216 |
| Hunter-Lab | 30.0288, 17.9254, -12.0304 |

Details

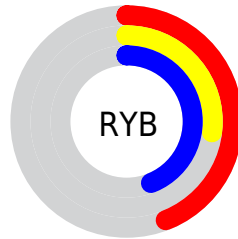
The YIQ color **87.4600, 11.2290, 22.2770** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.5400, -11.2290, -22.2770**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.9980, 12.6500, 24.0580**, and **40.3350, 10.0830, 21.0190** is the 20% darker color. If you saturate the color by 10%, you get **81.0030, 14.2540, 28.0300**, and if you desaturate by 10%, it is **93.9170, 8.2040, 16.5240**.

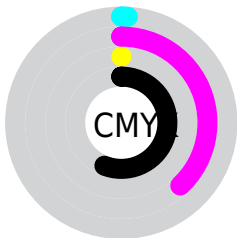
Distribution



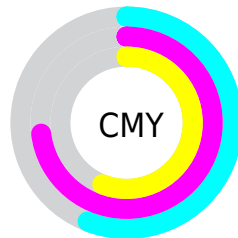
- Red (44%)
- Green (27%)
- Blue (44%)



- Red (44%)
- Yellow (27%)
- Blue (44%)



- Cyan (1%)
- Magenta (38%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (73%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.4600, 11.2290, 22.2770 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 87.4600, 11.2290, 22.2770 by changing the saturation by 10% instead.

87.4600, 11.2290,
22.2770

87.4600, 11.2290,
22.2770

255.0000, -0.0000,
-0.0000

63.6340, 10.6790,
21.2310

137.9980, 12.6500,
24.0580

40.3350, 10.0830,
21.0190

164.4110, 12.9250,
24.5810

18.0360, 9.4870,
20.8070

191.8240, 13.2000,
25.1040

5.4980, -1.1020,
8.9620

220.2370, 13.4750,
25.6270

0.0000, 0.0000,
0.0000

239.1510, 7.4250,
14.1210

87.4600, 11.2290,
22.2770

87.4600, 11.2290,
22.2770

81.0030, 14.2540,
28.0300

93.9170, 8.2040,
16.5240

73.9590, 17.5540,
34.3060

101.2600, 5.5000,
10.4600

67.2030, 19.9830,
39.8470

107.7170, 2.4750,
4.7070

60.7460, 23.0080,
45.6000

114.1740, -0.5500,
-1.0460

53.7020, 26.3080,
51.8760

120.6310, -3.5750,
-6.7990

47.2450, 29.3330,
57.6290


127.9740, -6.2790,
-12.8630

45.7720, 29.2870,
58.4630

134.4310, -9.3040,
-18.6160

140.8880,

-12.3290, -24.3690

 147.9320,
-15.6290, -30.6450

Harmonies

Analogous

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



85.8850, -15.1330, 15.4510



87.4600, 11.2290, 22.2770



86.2850, 30.7150, 21.5550

Triad

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



87.4600, 11.2290, 22.2770



82.5080, 27.3280, -10.6880



68.9090, -60.3800, -18.0760

Complementary

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



87.4600, 11.2290, 22.2770



95.5400, -11.2290, -22.2770

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.



66.0590, -52.3550, -25.8510



87.4600, 11.2290, 22.2770



80.4840, 9.5400, -18.7160

Square

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



87.4600, 11.2290, 22.2770



84.0460, 37.9170, 1.1570



76.2020, -16.0890, -22.3050



69.4280, -65.9750, -10.2870

Rectangle

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



87.4600, 11.2290, 22.2770



85.3580, 37.6390, 17.2150



76.2020, -16.0890, -22.3050



67.9970, -57.8120, -20.5640

Sweetspot

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



87.4600, 11.2290, 22.2770



138.6080, 4.4000, 8.3680



75.4890, -14.0780, 12.8500



68.1300, 2.7500, 5.2300



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



87.4600, 11.2290, 22.2770



107.4860, 17.5080, 35.1400



85.4790, 18.2450, 16.2690



52.4780, 1.6500, 3.1380



48.6630, 31.2120, 62.1240



100.5160, 64.9450, 128.1210

Inverse Universe

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



82.9710, 25.3070, 9.4270



100.4460, 40.2070, 14.7270



97.5210, -18.2450, -16.2690



51.9080, 3.2550, 1.5830



36.2220, 70.5570, 26.3730



74.5370, 145.2860, 54.2300

Previews

White Background



This preview shows how the YIQ color 87.4600, 11.2290, 22.2770 looks on a white background.

Color Contrast Check

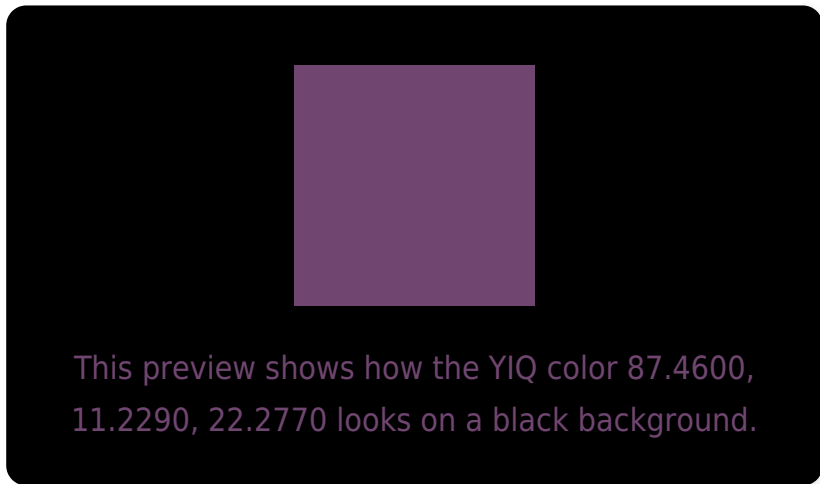
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.4600, 11.2290, 22.2770

Background



This preview shows how black text looks on a background with the YIQ color 87.4600, 11.2290, 22.2770.



This preview shows how white text looks on a background with the YIQ color 87.4600, 11.2290,

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

87.4600, 11.2290, 22.2770

Protanopia

84.9720, -19.9920, 9.8960

Deuteranopia

85.7680, -10.7300, 7.2380



Tritanopia

86.2520, 17.1460, 8.6500

Trichromacy



Original Color

87.4600, 11.2290, 22.2770

Protanomaly

86.0660, -8.3930, 14.4470

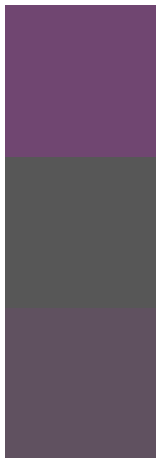
Deuteranomaly

86.5350, -2.5240, 12.7080

Tritanomaly

86.6310, 14.7610, 13.3290

Monochromacy



Original Color

87.4600, 11.2290, 22.2770

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

87.1950, 4.1250, 7.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.4600, 11.2290, 22.2770 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(112, 70, 113)` looks like.

```
.text, #text, p{  
    color:rgb(112, 70, 113)  
}
```

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(112, 70, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 70, 113) }
```

Border

The CSS property to change the border of an element to YIQ 87.4600, 11.2290, 22.2770 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(112, 70, 113) }
```


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

```
.border{ border-color:rgb(112, 70, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 70, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 70, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 70, 113);  
box-shadow:4px 4px 4px 4px rgb(112, 70,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 87.4600, 11.2290, 22.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 70, 113) }
```

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

```
.background{ background-color: rgb(112, 70,  
113) }
```

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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