

Converting Colors

YIQ(55.3670, 43.7290, 61.0490)

Have a look what the booklet for
YIQ(55.3670, 43.7290, 61.0490)
contains.

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Color

**YIQ(55.3670, 43.7290,
61.0490)**

Conversions

Conversions Part 1

Format	Color
Hex	87046F
RGB	135, 4, 111
RGB Percent	53%, 2%, 44%
CMY	0.4702, 0.9845, 0.5646
CMYK	0.00, 0.97, 0.18, 0.47
HSL	311°, 94%, 27%
HSV	311°, 97%, 53%
XYZ	12.9205, 6.3928, 15.5985
YIQ	55.3670, 43.7290, 61.0490

Conversions

Conversions Part 2

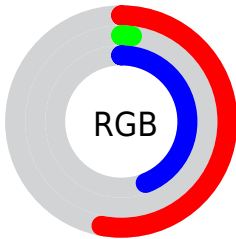
Format	Color
RYB	135, 4, 111
Decimal	8848495
CIELab	30.38, 57.16, -24.68
CIELCh	30, 62.265, 336.649
Yxy	6.3928, 0.3701, 0.1831
Android (android.graphics.Color)	4287038575 (0xFF87046F)
YUV	55.3670, 27.4271, 69.8381
Hunter-Lab	25.2839, 46.9700, -18.8794

Details

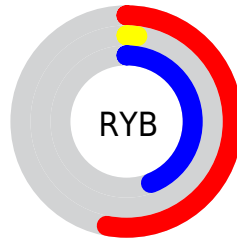
The YIQ color **55.3670, 43.7290, 61.0490** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **83.6330, -43.7290, -61.0490**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4280, 41.7590, 52.6950**, and **31.4010, 28.0530, 36.7650** is the 20% darker color. If you saturate the color by 10%, you get **52.9050, 45.1500, 62.8300**, and if you desaturate by 10%, it is **63.3400, 39.1910, 55.1830**.

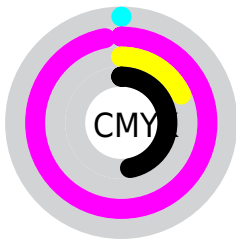
Distribution



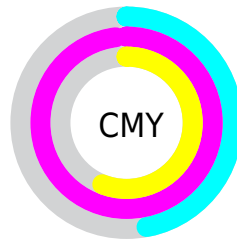
- Red (53%)
- Green (2%)
- Blue (44%)



- Red (53%)
- Yellow (2%)
- Blue (44%)



- Cyan (0%)
- Magenta (97%)
- Yellow (18%)
- Black (47%)



- Cyan (47%)
- Magenta (98%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.3670, 43.7290, 61.0490 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 55.3670, 43.7290, 61.0490 by changing the saturation by 10% instead.

■ 55.3670, 43.7290,
61.0490

■ 55.3670, 43.7290,
61.0490

■ 255.0000, -0.0000,
-0.0000

■ 42.0960, 36.7620,
49.6420

■ 119.4280, 41.7590,
52.6950

■ 31.4010, 28.0530,
36.7650

■ 147.6130, 42.6760,
52.5960

■ 21.7170, 20.8110,
24.8350

■ 175.6240, 44.1430,
53.5430

■ 9.5270, 9.1220,
10.8980


■ 196.5620, 29.5180,
48.7660


■ 0.0000, 0.0000,
0.0000


■ 213.9100, 19.2500,
36.6100


■ 230.9330, 11.2750,


21.4430


 247.9560, 3.3000,
6.2760


 55.3670, 43.7290,
61.0490


 55.3670, 43.7290,
61.0490


 52.9050, 45.1500,
62.8300

 63.3400, 39.1910,
55.1830

 71.7860, 34.6990,
48.4830

 79.6450, 30.4820,
42.3060

 88.2050, 25.6690,
35.9170

 96.6510, 21.1770,
29.2170

■ 104.6240, 16.6390,
23.3510

■ 113.0700, 12.1470,
16.6510

■ 121.0430, 7.6090,
10.7850

■ 129.4890, 3.1170,
4.0850

Harmonies

Analogous

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



71.9570, -14.4950, 36.9370



55.3670, 43.7290, 61.0490



52.9290, 70.9650, 52.0290

Triad

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



55.3670, 43.7290, 61.0490



66.4720, 27.0090, -21.4310



68.1230, -66.4340, -7.4740

Complementary

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



55.3670, 43.7290, 61.0490



83.6330, -43.7290, -61.0490

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.



62.7650, -51.3470, -22.0910



55.3670, 43.7290, 61.0490



55.2880, -11.1800, -39.6920

Square

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



55.3670, 43.7290, 61.0490



66.9800, 55.4780, -3.2260



55.5490, -33.7840, -37.5280



69.5370, -75.9270, 4.8810

Rectangle

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



55.3670, 43.7290, 61.0490



48.4980, 79.1280, 41.7520



55.5490, -33.7840, -37.5280



66.4130, -61.6190, -12.1390

Sweetspot

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



55.3670, 43.7290, 61.0490



145.0370, 16.9140, 23.8740



26.1100, -27.7470, 45.8290



70.2330, 10.1300, 14.6580



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



55.3670, 43.7290, 61.0490



69.0400, 58.6720, 82.0960



47.8430, 64.9150, 40.5230



62.3640, 1.9710, 2.8270



50.9540, 43.4540, 60.5260



1.1250, 1.1460, 1.2580

Inverse Universe

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



55.3670, 43.7290, 61.0490



69.0400, 58.6720, 82.0960



91.1570, -64.9150, -40.5230



62.3640, 1.9710, 2.8270



50.9540, 43.4540, 60.5260



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 55.3670, 43.7290, 61.0490 looks on a white background.

Color Contrast Check

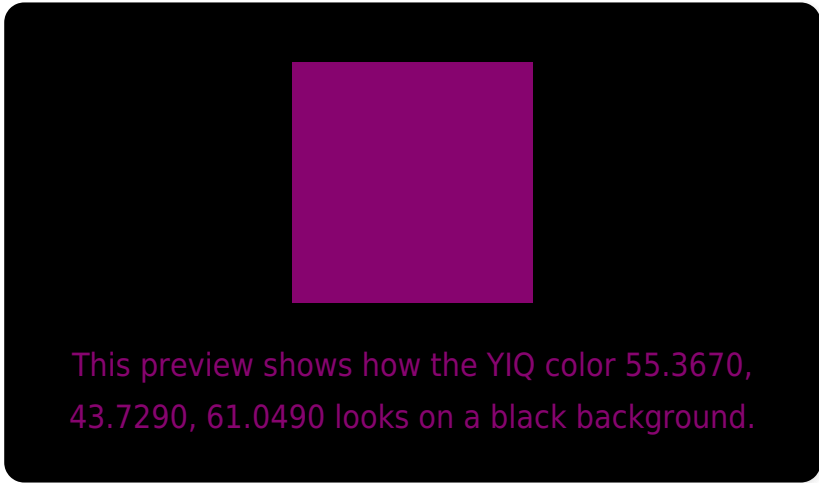
Large Text (above 18pt) WCAG AA ✓ Pass

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

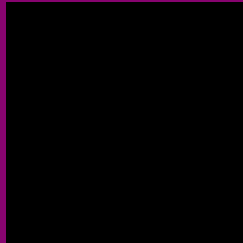
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.3670, 43.7290, 61.0490

Background



This preview shows how black text looks on a background with the YIQ color 55.3670, 43.7290, 61.0490.



This preview shows how white text looks on a background with the YIQ color 55.3670, 43.7290,

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

55.3670, 43.7290, 61.0490

Protanopia

59.7060, -68.9130, 9.9270

Deuteranopia

74.4300, -15.5900, 7.2100



Tritanopia

69.9420, 50.6140, 18.8540

Trichromacy



Original Color

55.3670, 43.7290, 61.0490

Protanomaly

57.9720, -28.0190, 28.7250

Deuteranomaly

67.8710, 5.8180, 26.7300

Tritanomaly

64.4710, 48.2270, 34.5870

Monochromacy



Original Color

55.3670, 43.7290, 61.0490

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7980, 16.0890, 22.3050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.3670, 43.7290, 61.0490 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, 4, 111)` looks like.

```
.text, #text, p{  
    color:rgb(135, 4, 111)  
}
```

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, 4, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 4, 111) }
```

Border

The CSS property to change the border of an element to YIQ 55.3670, 43.7290, 61.0490 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, 4, 111) }
```


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

```
.border{ border-color:rgb(135, 4, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 4, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 4, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 4, 111);  
box-shadow:4px 4px 4px 4px rgb(135, 4,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 55.3670, 43.7290, 61.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 4, 111) }
```

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

```
.background{ background-color: rgb(135, 4,  
111) }
```

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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