

Converting Colors

YIQ(55.7720, 46.4820, 49.6980)

Have a look what the booklet for
YIQ(55.7720, 46.4820, 49.6980)
contains.

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Color

**YIQ(55.7720, 46.4820,
49.6980)**

Conversions

Conversions Part 1

Format	Color
Hex	830B59
RGB	131, 11, 89
RGB Percent	51%, 4%, 35%
CMY	0.4859, 0.9570, 0.6509
CMYK	0.00, 0.92, 0.32, 0.49
HSL	321°, 85%, 28%
HSV	321°, 92%, 51%
XYZ	11.2969, 5.7921, 9.9807
YIQ	55.7720, 46.4820, 49.6980

Conversions

Conversions Part 2

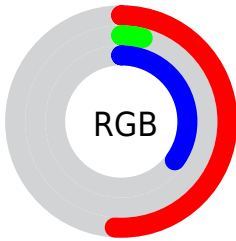
Format	Color
RYB	131, 11, 89
Decimal	8588121
CIELab	28.88, 52.38, -12.80
CIElCh	29, 53.919, 346.273
Yxy	5.7921, 0.4173, 0.2140
Android (android.graphics.Color)	4286778201 (0xFF830B59)
YUV	55.7720, 16.3814, 65.9750
Hunter-Lab	24.0668, 41.6705, -7.7414

Details

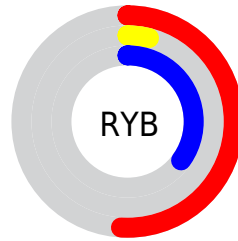
The YIQ color **55.7720, 46.4820, 49.6980** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **86.2280, -46.4820, -49.6980**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **116.0830, 46.8040, 43.8600**, and **27.6260, 31.4930, 29.4850** is the 20% darker color. If you saturate the color by 10%, you get **48.8590, 50.7910, 54.2070**, and if you desaturate by 10%, it is **63.9730, 41.3020, 44.4540**.

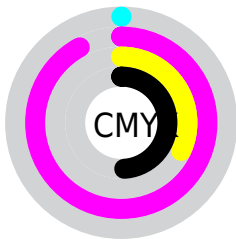
Distribution



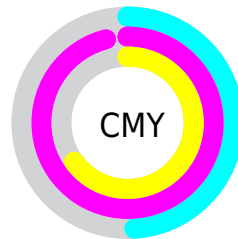
- Red (51%)
- Green (4%)
- Blue (35%)



- Red (51%)
- Yellow (4%)
- Blue (35%)



- Cyan (0%)
- Magenta (92%)
- Yellow (32%)
- Black (49%)



- Cyan (49%)
- Magenta (96%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.7720, 46.4820, 49.6980 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 55.7720, 46.4820, 49.6980 by changing the saturation by 10% instead.

■ 55.7720, 46.4820,
49.6980

■ 55.7720, 46.4820,
49.6980

■ 255.0000, -0.0000,
-0.0000

■ 38.6200, 40.7980,
42.5740

■ 116.0830, 46.8040,
43.8600

■ 27.9250, 32.0890,
29.6970

■ 143.5670, 48.3170,
43.9730

■ 18.4690, 24.2050,
18.3890

■ 171.5780, 49.7840,
44.9200

■ 3.5880, 7.1520,
2.5440

■ 193.0110, 38.1390,
41.2030


■ 0.0000, 0.0000,
0.0000


■ 212.6390, 21.4510,
35.2670


■ 230.3460, 11.5500,


21.9660


 247.3690, 3.5750,
6.7990


 55.7720, 46.4820,
49.6980


 55.7720, 46.4820,
49.6980


 48.8590, 50.7910,
54.2070

 63.9730, 41.3020,
44.4540

 72.0600, 36.4430,
38.8990

 80.2610, 31.2630,
33.6550

 88.3480, 26.4040,
28.1000

 97.1360, 20.9490,
22.3330

■ 105.3370, 15.7690,
17.0890

■ 113.4240, 10.9100,
11.5340

■ 121.6250, 5.7300,
6.2900

■ 129.7120, 0.8710,
0.7350

Harmonies

Analogous

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



68.3090, 4.9450, 37.0490



55.7720, 46.4820, 49.6980



49.9680, 66.0610, 41.7810

Triad

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



55.7720, 46.4820, 49.6980



61.9870, 18.0690, -24.6110



63.9000, -64.1880, -4.1240

Complementary

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



55.7720, 46.4820, 49.6980



86.2280, -46.4820, -49.6980

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.



60.7420, -52.5400, -16.9880



55.7720, 46.4820, 49.6980



47.5470, -22.2750, -42.3630

Square

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



55.7720, 46.4820, 49.6980



64.5330, 43.3750, -9.6570



54.6660, -38.1870, -29.3150



63.4730, -69.8750, 5.3330

Rectangle

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



55.7720, 46.4820, 49.6980



57.7110, 64.5060, 20.3940



54.6660, -38.1870, -29.3150



63.2330, -60.9320, -8.0680

Sweetspot

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



55.7720, 46.4820, 49.6980



142.1740, 17.7860, 19.0820



37.2380, -13.4880, 46.2240



69.4240, 10.9100, 11.5340



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



55.7720, 46.4820, 49.6980



63.7830, 66.2850, 70.7730



48.9320, 65.7420, 31.0380



62.2500, 2.2920, 2.5160



48.5600, 50.1950, 53.9950



1.1250, 1.1460, 1.2580

Inverse Universe

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



55.7720, 46.4820, 49.6980



63.7830, 66.2850, 70.7730



93.0680, -65.7420, -31.0380



62.2500, 2.2920, 2.5160



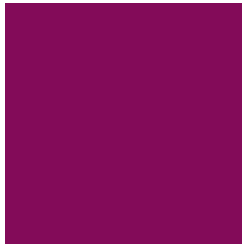
48.5600, 50.1950, 53.9950



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 55.7720, 46.4820, 49.6980 looks on a white background.

Color Contrast Check

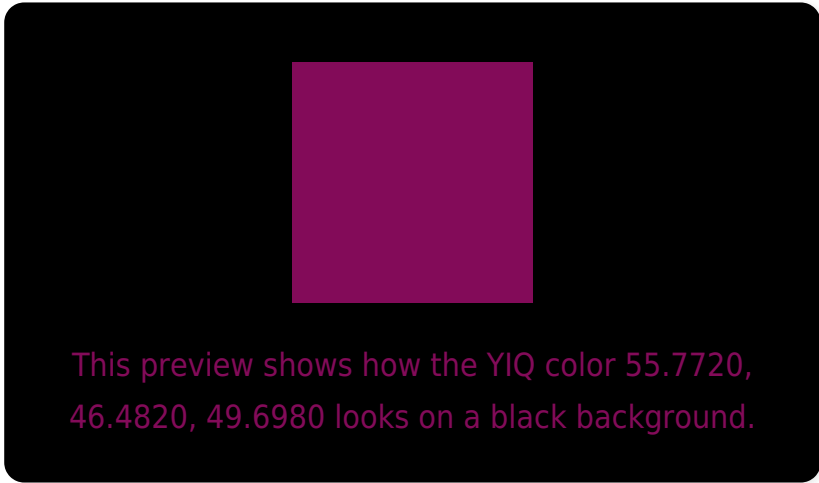
Large Text (above 18pt) WCAG AA ✓ Pass

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

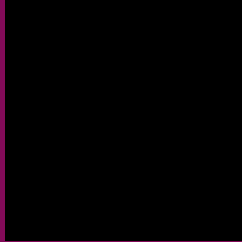
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.7720, 46.4820, 49.6980

Background



This preview shows how black text looks on a background with the YIQ color 55.7720, 46.4820, 49.6980.



This preview shows how white text looks on a background with the YIQ color 55.7720, 46.4820,

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

55.7720, 46.4820, 49.6980

Protanopia

67.7240, -33.7930, 12.2150

Deuteranopia

71.1940, -3.3020, 4.7780



Tritanopia

63.7360, 54.1900, 20.1260

Trichromacy



Original Color

55.7720, 46.4820, 49.6980

Protanomaly

63.4830, -4.7730, 25.9390

Deuteranomaly

65.6730, 14.9430, 21.0470

Tritanomaly

60.9180, 51.1620, 30.9540

Monochromacy



Original Color

55.7720, 46.4820, 49.6980

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.0490, 16.6400, 17.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.7720, 46.4820, 49.6980 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(131, 11, 89)` looks like.

```
.text, #text, p{  
    color:rgb(131, 11, 89)  
}
```

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(131, 11, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 11, 89) }
```

Border

The CSS property to change the border of an element to YIQ 55.7720, 46.4820, 49.6980 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(131, 11, 89) }
```


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

```
.border{ border-color:rgb(131, 11, 89) }
```

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

Here you see how a box with a 4 pixel rgb(131, 11, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 11, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 11, 89);  
box-shadow:4px 4px 4px 4px rgb(131, 11,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 55.7720, 46.4820, 49.6980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 11, 89) }
```

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

```
.background{ background-color: rgb(131, 11,  
89) }
```

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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