

Converting Colors

YIQ(43.6830, 10.1240, 47.8200)

Have a look what the booklet for
YIQ(43.6830, 10.1240, 47.8200)
contains.

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Color

**YIQ(43.6830, 10.1240,
47.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	530A72
RGB	83, 10, 114
RGB Percent	33%, 4%, 45%
CMY	0.6743, 0.9609, 0.5530
CMYK	0.27, 0.91, 0.00, 0.55
HSL	282°, 84%, 24%
HSV	282°, 91%, 45%
XYZ	6.7175, 3.2729, 16.1942
YIQ	43.6830, 10.1240, 47.8200

Conversions

Conversions Part 2

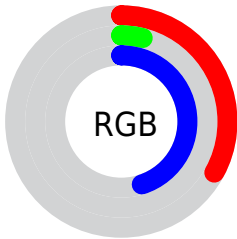
Format	Color
R_{YB}	83, 10, 114
Decimal	5442162
CIE _{Lab}	21.11, 46.79, -41.99
CIE _{LCh}	21, 62.869, 318.094
Yxy	3.2729, 0.2565, 0.1250
Android (android.graphics.Color)	4283632242 (0xFF530A72)
YUV	43.6830, 34.6663, 34.4810
Hunter-Lab	18.0910, 34.6210, -40.4097

Details

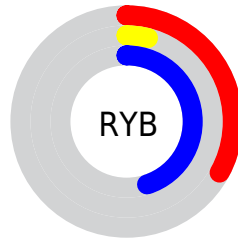
The YIQ color **43.6830, 10.1240, 47.8200** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **80.3170, -10.1240, -47.8200**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **98.4440, 9.2990, 46.2510**, and **17.8750, -0.0050, 27.6350** is the 20% darker color. If you saturate the color by 10%, you get **36.9160, 11.0860, 52.4140**, and if you desaturate by 10%, it is **51.0370, 8.8870, 42.7030**.

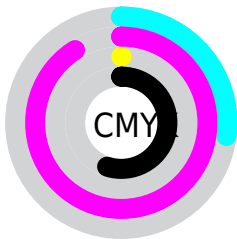
Distribution



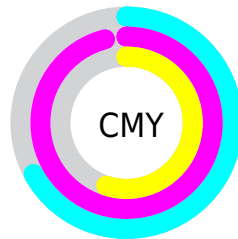
- Red (33%)
- Green (4%)
- Blue (45%)



- Red (33%)
- Yellow (4%)
- Blue (45%)



- Cyan (27%)
- Magenta (91%)
- Yellow (0%)
- Black (55%)



- Cyan (67%)
- Magenta (96%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.6830, 10.1240, 47.8200 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 43.6830, 10.1240, 47.8200 by changing the saturation by 10% instead.

43.6830, 10.1240,
47.8200

43.6830, 10.1240,
47.8200

255.0000, -0.0000,
-0.0000

27.1890, 5.4030,
39.7630

98.4440, 9.2990,
46.2510

17.8750, -0.0050,
27.6350

124.5690, 10.4450,
47.5090

4.7880, -13.4820,
13.0620

151.9820, 10.7200,
48.0320

2.8670, -6.6950,
5.6970


179.2210, 11.5450,
49.6010


0.0000, 0.0000,
0.0000


204.1970, 20.1200,
42.8720


222.1280, 15.4000,


29.2880

 239.1510, 7.4250,
14.1210


 43.6830, 10.1240,
47.8200


 43.6830, 10.1240,
47.8200


 36.9160, 11.0860,
52.4140

 51.0370, 8.8870,
42.7030

 59.2770, 7.9710,
37.2750

 66.6310, 6.7340,
32.1580

 74.8710, 5.8180,
26.7300

 82.2250, 4.5810,
21.6130

■ 89.5790, 3.3440,
16.4960

■ 97.8190, 2.4280,
11.0680

■ 105.1730, 1.1910,
5.9510

■ 113.4130, 0.2750,
0.5230

Harmonies

Analogous

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



44.2500, -58.4610, 18.7470



43.6830, 10.1240, 47.8200



43.9740, 48.7290, 47.5210

Triad

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



43.6830, 10.1240, 47.8200



47.9760, 34.9380, -5.4300



48.9220, -44.0590, -10.9950

Complementary

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



43.6830, 10.1240, 47.8200



80.3170, -10.1240, -47.8200

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.



42.1620, -27.7800, -25.1880



43.6830, 10.1240, 47.8200



44.2230, 5.7810, -22.1790

Square

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



43.6830, 10.1240, 47.8200



33.7650, 64.4140, 22.0620



37.5680, -17.6000, -33.4720



53.7100, -57.5410, 2.0670

Rectangle

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



43.6830, 10.1240, 47.8200



42.3480, 61.9350, 39.4630



37.5680, -17.6000, -33.4720



46.5110, -38.6480, -15.4480

Sweetspot

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



43.6830, 10.1240, 47.8200



120.9320, 3.8480, 18.3760



40.0530, -41.9090, 16.1310



57.8190, 2.4280, 11.0680



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.



43.6830, 10.1240, 47.8200



47.9680, 14.4760, 68.0760



50.5580, 35.3410, 47.8610



51.8800, 0.4580, 2.7140



38.7960, 11.5440, 55.1280



80.1840, 24.4170, 113.7050

Inverse Universe

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



44.6300, 52.0330, 31.6890



49.2680, 74.0840, 45.0600



73.4420, -35.3410, -47.8610



52.0220, 2.9340, 1.8940



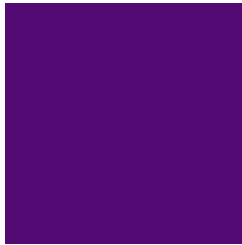
39.9840, 59.9640, 36.6360



82.2890, 123.4580, 75.3780

Previews

White Background



This preview shows how the YIQ color 43.6830, 10.1240, 47.8200 looks on a white background.

Color Contrast Check

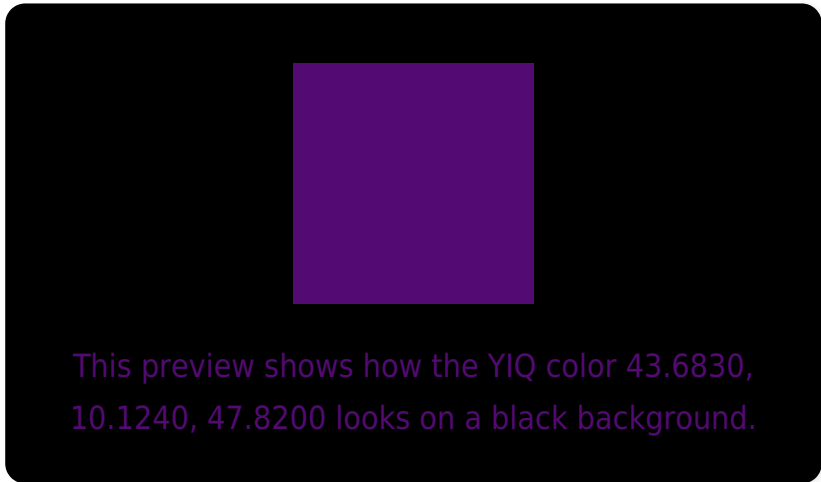
Large Text (above 18pt) WCAG AA ✓ Pass

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

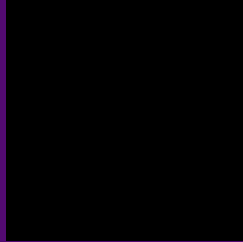
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.6830, 10.1240, 47.8200

Background



This preview shows how black text looks on a background with the YIQ color 43.6830, 10.1240, 47.8200.



This preview shows how white text looks on a background with the YIQ color 43.6830, 10.1240,

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

43.6830, 10.1240, 47.8200

Protanopia

42.2490, -48.6930, 6.9150

Deuteranopia

42.4140, -45.0240, 0.9920



Tritanopia

53.5290, 14.8080, 6.9680

Trichromacy



Original Color

43.6830, 10.1240, 47.8200

Protanomaly

42.6420, -27.3300, 21.7420

Deuteranomaly

42.7900, -24.9910, 17.8970

Tritanomaly

49.8300, 13.0630, 22.0790

Monochromacy



Original Color

43.6830, 10.1240, 47.8200

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.9920, 3.6190, 17.0190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.6830, 10.1240, 47.8200 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(83, 10, 114)` looks like.

```
.text, #text, p{  
    color:rgb(83, 10, 114)  
}
```

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(83, 10, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 10, 114) }
```

Border

The CSS property to change the border of an element to YIQ 43.6830, 10.1240, 47.8200 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(83, 10, 114) }
```


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

```
.border{ border-color:rgb(83, 10, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 10, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 10, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 10, 114);  
box-shadow:4px 4px 4px 4px rgb(83, 10,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 43.6830, 10.1240, 47.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 10, 114) }
```

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

```
.background{ background-color: rgb(83, 10,  
114) }
```

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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