

Converting Colors

YIQ(48.5610, 31.2590, 55.7630)

Have a look what the booklet for
YIQ(48.5610, 31.2590, 55.7630)
contains.

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Color

**YIQ(48.5610, 31.2590,
55.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	71046D
RGB	113, 4, 109
RGB Percent	44%, 2%, 43%
CMY	0.5565, 0.9845, 0.5725
CMYK	0.00, 0.96, 0.04, 0.56
HSL	302°, 93%, 23%
HSV	302°, 96%, 44%
XYZ	9.6245, 4.7064, 14.8722
YIQ	48.5610, 31.2590, 55.7630

Conversions

Conversions Part 2

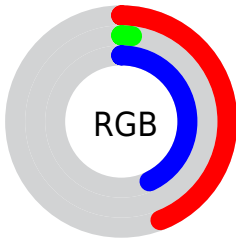
Format	Color
R_{YB}	113, 4, 109
Decimal	7406701
CIE _{Lab}	25.88, 52.53, -30.79
CIE _{LCh}	26, 60.887, 329.622
Yxy	4.7064, 0.3296, 0.1612
Android (android.graphics.Color)	4285596781 (0xFF71046D)
YUV	48.5610, 29.7964, 56.5130
Hunter-Lab	21.6943, 41.2255, -25.4595

Details

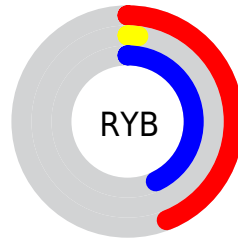
The YIQ color **48.5610, 31.2590, 55.7630** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **68.4390, -31.2590, -55.7630**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **109.0890, 29.4720, 49.6000**, and **25.1930, 16.7750, 31.9030** is the 20% darker color. If you saturate the color by 10%, you get **46.2130, 32.3590, 57.8550**, and if you desaturate by 10%, it is **55.0180, 28.2340, 50.0100**.

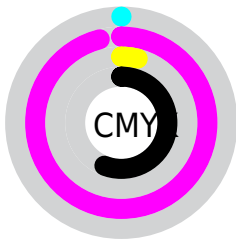
Distribution



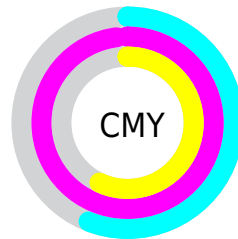
- Red (44%)
- Green (2%)
- Blue (43%)



- Red (44%)
- Yellow (2%)
- Blue (43%)



- Cyan (0%)
- Magenta (96%)
- Yellow (4%)
- Black (56%)



- Cyan (56%)
- Magenta (98%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.5610, 31.2590, 55.7630 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 48.5610, 31.2590, 55.7630 by changing the saturation by 10% instead.

■ 48.5610, 31.2590,
55.7630

■ 48.5610, 31.2590,
55.7630

■ 255.0000, -0.0000,
-0.0000

■ 35.2900, 24.2920,
44.3560

■ 109.0890, 29.4720,
49.6000

■ 25.1930, 16.7750,
31.9030

■ 136.6870, 30.6640,
50.0240

■ 15.5090, 9.5330,
19.9730

■ 164.3990, 31.5350,
50.7590

■ 2.2970, -5.0900,
4.1420

■ 192.2250, 32.0850,
51.8050


■ 0.0000, 0.0000,
0.0000


■ 209.8010, 21.1750,
40.2710


■ 226.2370, 13.4750,


25.6270


 243.2600, 5.5000,
10.4600


 48.5610, 31.2590,
55.7630


 48.5610, 31.2590,
55.7630


 46.2130, 32.3590,
57.8550

 55.0180, 28.2340,
50.0100

 62.1760, 24.6130,
44.0450

 68.6330, 21.5880,
38.2920

 75.2040, 18.2420,
32.8500

 82.2480, 14.9420,
26.5740

■ 88.8190, 11.5960,
21.1320

■ 95.2760, 8.5710,
15.3790

■ 101.7330, 5.5460,
9.6260

■ 108.8910, 1.9250,
3.6610

Harmonies

Analogous

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



58.2210, -33.1540, 28.1740



48.5610, 31.2590, 55.7630



48.2590, 61.1080, 48.9480

Triad

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



48.5610, 31.2590, 55.7630



58.2430, 29.3920, -15.0560



58.4570, -55.7510, -8.3510

Complementary

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



48.5610, 31.2590, 55.7630



68.4390, -31.2590, -55.7630

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.



53.0990, -40.6640, -22.9680



48.5610, 31.2590, 55.7630



50.0490, -2.8370, -31.1970

Square

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



48.5610, 31.2590, 55.7630



54.9080, 55.9810, 4.1810



45.1820, -22.5050, -38.1930



61.3870, -66.7570, 3.8910

Rectangle

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



48.5610, 31.2590, 55.7630



44.8390, 70.7380, 39.6180



45.1820, -22.5050, -38.1930



56.7470, -50.9360, -13.0160

Sweetspot

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



48.5610, 31.2590, 55.7630



122.5310, 12.4670, 21.8670



17.6220, -32.6050, 34.7470



58.6240, 7.4710, 13.2870



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.



48.5610, 31.2590, 55.7630



60.4400, 42.6260, 75.5380



42.4050, 48.5930, 38.9690



52.4780, 1.6500, 3.1380



48.9900, 34.6050, 61.2050



100.9850, 70.8140, 126.3820

Inverse Universe

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



48.5610, 31.2590, 55.7630



60.4400, 42.6260, 75.5380



74.5950, -48.5930, -38.9690



52.4780, 1.6500, 3.1380



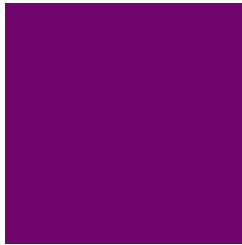
48.9900, 34.6050, 61.2050



100.9850, 70.8140, 126.3820

Previews

White Background



This preview shows how the YIQ color 48.5610, 31.2590, 55.7630 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

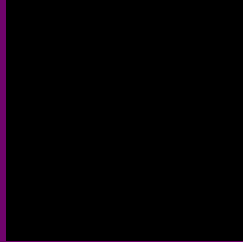
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.5610, 31.2590, 55.7630

Background



This preview shows how black text looks on a background with the YIQ color 48.5610, 31.2590, 55.7630.



This preview shows how white text looks on a background with the YIQ color 48.5610, 31.2590,

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

48.5610, 31.2590, 55.7630

Protanopia

51.3280, -59.1010, 8.3150

Deuteranopia

62.0530, -24.7140, 7.3660



Tritanopia

62.4780, 37.1810, 14.5010

Trichromacy



Original Color

48.5610, 31.2590, 55.7630

Protanomaly

50.3480, -26.3220, 25.5020

Deuteranomaly

56.9560, -4.7270, 25.1050

Tritanomaly

57.4800, 34.8400, 29.4000

Monochromacy



Original Color

48.5610, 31.2590, 55.7630

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

48.9930, 11.0460, 20.0860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.5610, 31.2590, 55.7630 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(113, 4, 109)` looks like.

```
.text, #text, p{  
    color:rgb(113, 4, 109)  
}
```

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(113, 4, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 4, 109) }
```

Border

The CSS property to change the border of an element to YIQ 48.5610, 31.2590, 55.7630 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(113, 4, 109) }
```


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

```
.border{ border-color:rgb(113, 4, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 4, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 4, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 4, 109);  
box-shadow:4px 4px 4px 4px rgb(113, 4,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 48.5610, 31.2590, 55.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 4, 109) }
```

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

```
.background{ background-color: rgb(113, 4,  
109) }
```

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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