

Converting Colors

YIQ(41.3630, 48.4110, 31.2510)

Have a look what the booklet for
YIQ(41.3630, 48.4110, 31.2510)
contains.

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Color

**YIQ(41.3630, 48.4110,
31.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0829
RGB	107, 8, 41
RGB Percent	42%, 3%, 16%
CMY	0.5801, 0.9688, 0.8390
CMYK	0.00, 0.93, 0.62, 0.58
HSL	340°, 86%, 23%
HSV	340°, 93%, 42%
XYZ	6.5586, 3.4630, 2.4245
YIQ	41.3630, 48.4110, 31.2510

Conversions

Conversions Part 2

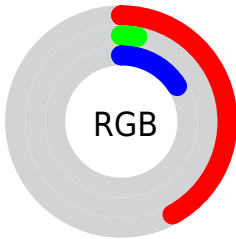
Format	Color
RYB	107, 8, 41
Decimal	7014441
CIELab	21.81, 42.11, 8.92
CIELCh	22, 43.042, 11.966
Yxy	3.4630, 0.5270, 0.2782
Android (android.graphics.Color)	4285204521 (0xFF6B0829)
YUV	41.3630, -0.1790, 57.5636
Hunter-Lab	18.6092, 30.3446, 5.3019

Details

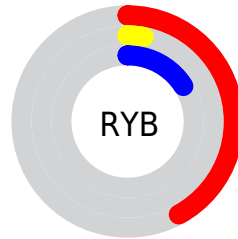
The YIQ color **41.3630, 48.4110, 31.2510** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **73.6370, -48.4110, -31.2510**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **97.2830, 51.3920, 26.7840**, and **16.5590, 32.4590, 11.9710** is the 20% darker color. If you saturate the color by 10%, you get **36.0970, 52.2160, 33.8800**, and if you desaturate by 10%, it is **48.6180, 43.1390, 27.6750**.

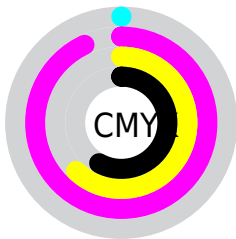
Distribution



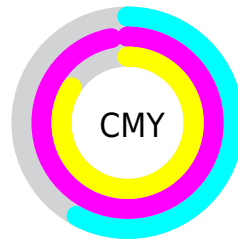
- Red (42%)
- Green (3%)
- Blue (16%)



- Red (42%)
- Yellow (3%)
- Blue (16%)



- Cyan (0%)
- Magenta (93%)
- Yellow (62%)
- Black (58%)



- Cyan (58%)
- Magenta (97%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.3630, 48.4110, 31.2510 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 41.3630, 48.4110, 31.2510 by changing the saturation by 10% instead.

41.3630, 48.4110,
31.2510

41.3630, 48.4110,
31.2510

255.0000, -0.0000,
-0.0000

26.3140, 40.9390,
23.4910

97.2830, 51.3920,
26.7840

16.5590, 32.4590,
11.9710

123.9520, 53.8220,
26.7980

4.7840, 9.5360,
3.3920

151.0340, 56.5270,
27.3350


0.0000, 0.0000,
0.0000


178.9310, 58.3150,
27.9710


198.7550, 44.0110,
22.8830


218.2690, 27.6440,


16.6360


 238.5980, 10.3600,
10.4880


 41.3630, 48.4110,
31.2510


 41.3630, 48.4110,
31.2510


 36.0970, 52.2160,
33.8800

 48.6180, 43.1390,
27.6750

 55.2860, 38.1420,
24.6220

 62.5410, 32.8700,
21.0460

 69.9100, 27.2770,
17.7810

 77.1650, 22.0050,
14.2050

■ 83.8330, 17.0080,
11.1520

■ 91.0880, 11.7360,
7.5760

■ 98.3430, 6.4640,
4.0000

■ 105.0110, 1.4670,
0.9470

Harmonies

Analogous

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



47.0160, 30.5750, 35.1110



41.3630, 48.4110, 31.2510



46.1880, 49.5610, 10.4010

Triad

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



41.3630, 48.4110, 31.2510



39.9930, -8.4310, -28.9350



48.6890, -53.0480, 3.2400

Complementary

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



41.3630, 48.4110, 31.2510



73.6370, -48.4110, -31.2510

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.



48.9850, -48.3700, -4.4500



41.3630, 48.4110, 31.2510



41.6890, -27.8260, -24.3540

Square

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



41.3630, 48.4110, 31.2510



48.4310, 17.0590, -17.3170



46.1520, -39.0150, -14.3030



43.6340, -51.2150, 8.5690

Rectangle

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



41.3630, 48.4110, 31.2510



48.6180, 41.9980, -1.2180



46.1520, -39.0150, -14.3030



49.4070, -52.3140, 0.9500

Sweetspot

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



41.3630, 48.4110, 31.2510



114.1430, 19.0710, 12.3110



38.4220, 6.3650, 44.3570



55.0880, 11.7360, 7.5760



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



41.3630, 48.4110, 31.2510



47.2180, 68.3530, 44.2970



46.4060, 54.8790, 13.1430



50.0220, 2.9340, 1.8940



39.4290, 57.2130, 36.9330



82.6030, 119.6980, 77.4420

Inverse Universe

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



41.3630, 48.4110, 31.2510



47.2180, 68.3530, 44.2970



68.5940, -54.8790, -13.1430



50.0220, 2.9340, 1.8940



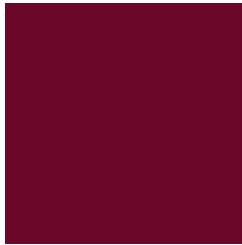
39.4290, 57.2130, 36.9330



82.6030, 119.6980, 77.4420

Previews

White Background



This preview shows how the YIQ color 41.3630, 48.4110, 31.2510 looks on a white background.

Color Contrast Check

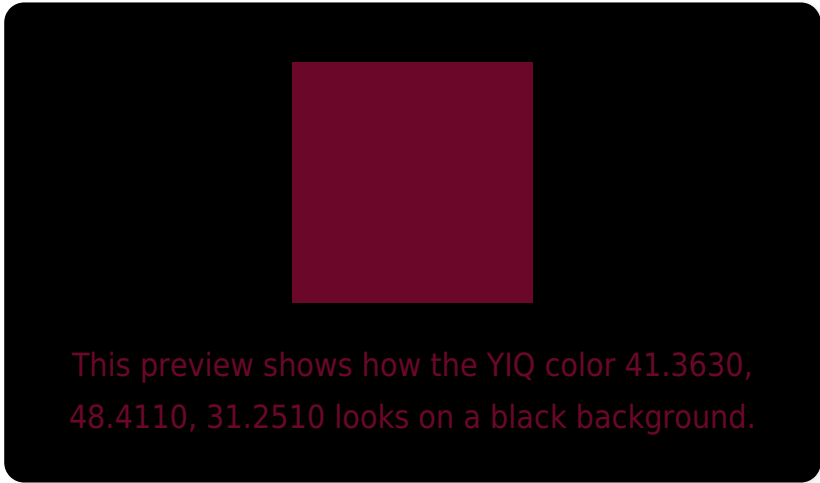
Large Text (above 18pt) WCAG AA ✓ Pass

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

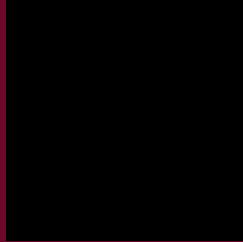
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.3630, 48.4110, 31.2510

Background



This preview shows how black text looks on a background with the YIQ color 41.3630, 48.4110, 31.2510.



This preview shows how white text looks on a background with the YIQ color 41.3630, 48.4110,

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

41.3630, 48.4110, 31.2510

Protanopia

55.5700, -1.6050, 1.5550

Deuteranopia

54.9490, 13.2050, -2.5310



Tritanopia

44.1980, 52.7690, 18.3450

Trichromacy



Original Color

41.3630, 48.4110, 31.2510

Protanomaly

50.4740, 16.6410, 12.2970

Deuteranomaly

50.2700, 25.9030, 9.6390

Tritanomaly

42.8760, 50.9800, 23.2360

Monochromacy



Original Color

41.3630, 48.4110, 31.2510

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.1320, 17.6040, 11.3640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.3630, 48.4110, 31.2510 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(107, 8, 41)` looks like.

```
.text, #text, p{  
    color:rgb(107, 8, 41)  
}
```

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(107, 8, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 8, 41) }
```

Border

The CSS property to change the border of an element to YIQ 41.3630, 48.4110, 31.2510 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(107, 8, 41) }
```


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

```
.border{ border-color:rgb(107, 8, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 8, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 8, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 8, 41);  
box-shadow:4px 4px 4px 4px rgb(107, 8, 41)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.3630, 48.4110, 31.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 8, 41) }
```

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

```
.background{ background-color: rgb(107, 8,  
41) }
```

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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