

Converting Colors

YIQ(64.2200, 30.4810, 47.8330)

Have a look what the booklet for
YIQ(64.2200, 30.4810, 47.8330)
contains.

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Color

**YIQ(64.2200, 30.4810,
47.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	7B1970
RGB	123, 25, 112
RGB Percent	48%, 10%, 44%
CMY	0.5174, 0.9021, 0.5607
CMYK	0.00, 0.80, 0.09, 0.52
HSL	307°, 66%, 29%
HSV	307°, 80%, 48%
XYZ	11.4510, 6.0800, 15.9033
YIQ	64.2200, 30.4810, 47.8330

Conversions

Conversions Part 2

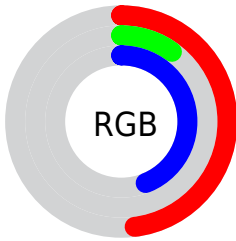
Format	Color
R_{YB}	123, 25, 112
Decimal	8067440
CIE _{Lab}	29.61, 50.34, -26.68
CIE _{LCh}	30, 56.973, 332.073
Yxy	6.0800, 0.3425, 0.1819
Android (android.graphics.Color)	4286257520 (0xFF7B1970)
YUV	64.2200, 23.5555, 51.5501
Hunter-Lab	24.6577, 39.7442, -20.9793

Details

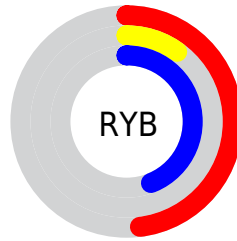
The YIQ color **64.2200, 30.4810, 47.8330** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **83.7800, -30.4810, -47.8330**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **119.4650, 31.1690, 46.3770**, and **28.2260, 21.1760, 34.7440** is the 20% darker color. If you saturate the color by 10%, you get **57.0620, 34.1020, 53.7980**, and if you desaturate by 10%, it is **71.3780, 26.8600, 41.8680**.

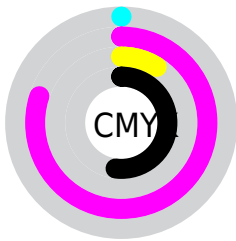
Distribution



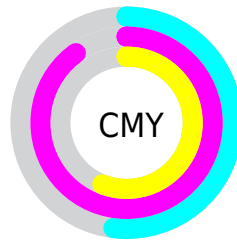
- Red (48%)
- Green (10%)
- Blue (44%)



- Red (48%)
- Yellow (10%)
- Blue (44%)



- Cyan (0%)
- Magenta (80%)
- Yellow (9%)
- Black (52%)





- Cyan (52%)
- Magenta (90%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 64.2200, 30.4810, 47.8330 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 64.2200, 30.4810, 47.8330 by changing the saturation by 10% instead.


 64.2200, 30.4810,
47.8330


 64.2200, 30.4810,
47.8330


255.0000, -0.0000,
-0.0000

 38.6220, 29.2890,
47.4090


 119.4650, 31.1690,
46.3770


 28.2260, 21.1760,
34.7440

 147.0630, 32.3610,
46.8010


 19.1400, 15.1260,
23.2380

 174.7750, 33.2320,
47.5360

 3.3620, -3.7150,
6.7570

 199.6110, 27.8220,
46.4620

 0.0000, 0.0000,
0.0000

 216.8450, 17.8750,
33.9950

 233.8680, 9.9000,

18.8280

250.8910, 1.9250,
3.6610

64.2200, 30.4810,
47.8330

64.2200, 30.4810,
47.8330

57.0620, 34.1020,
53.7980

71.3780, 26.8600,
41.8680

49.2030, 38.3190,
59.9750

79.2370, 22.6430,
35.6910

86.3950, 19.0220,
29.7260

93.6670, 15.0800,
24.0720

101.4120, 11.1840,
17.5840

■ 108.5700, 7.5630,
11.6190

■ 115.8420, 3.6210,
5.9650

■ 123.0000, -0.0000,
-0.0000

■ 130.8590, -4.2170,
-6.1770

Harmonies

Analogous

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



69.5490, -22.3340, 30.3220



64.2200, 30.4810, 47.8330



50.9220, 63.6750, 51.9870

Triad

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



64.2200, 30.4810, 47.8330



65.6190, 31.0890, -18.2790



64.8800, -61.4360, -9.9480

Complementary

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



64.2200, 30.4810, 47.8330



83.7800, -30.4810, -47.8330

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.



59.8640, -47.3120, -23.6320



64.2200, 30.4810, 47.8330



58.3220, 0.6480, -33.7840

Square

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



64.2200, 30.4810, 47.8330



64.6320, 56.5780, -1.1340



52.6310, -31.0790, -36.9910



66.8810, -71.2040, 1.8840

Rectangle

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



64.2200, 30.4810, 47.8330



49.0780, 71.5630, 41.1870



52.6310, -31.0790, -36.9910



63.2840, -56.9420, -14.3020

Sweetspot

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



64.2200, 30.4810, 47.8330



137.5370, 12.3300, 18.8420



39.1620, -25.4980, 32.5980



67.5700, 7.5630, 11.6190



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



64.2200, 30.4810, 47.8330



67.9630, 48.4030, 75.4670



58.7480, 45.8890, 32.9050



57.4780, 1.6500, 3.1380



50.0290, 38.8690, 61.0210



100.8840, 78.2880, 123.0880

Inverse Universe

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



64.2200, 30.4810, 47.8330



67.9630, 48.4030, 75.4670



89.2520, -45.8890, -32.9050



57.4780, 1.6500, 3.1380



50.0290, 38.8690, 61.0210



100.8840, 78.2880, 123.0880

Previews

White Background



This preview shows how the YIQ color 64.2200, 30.4810, 47.8330 looks on a white background.

Color Contrast Check

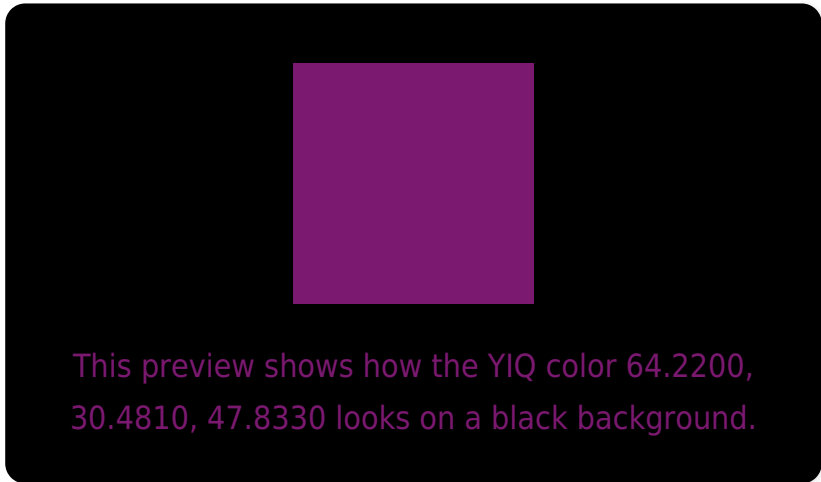
Large Text (above 18pt) WCAG AA ✓ Pass

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

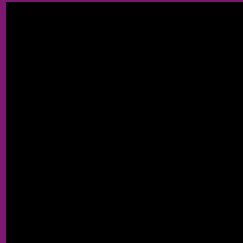
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.2200, 30.4810, 47.8330

Background



This preview shows how black text looks on a background with the YIQ color 64.2200, 30.4810, 47.8330.



This preview shows how white text looks on a background with the YIQ color 64.2200, 30.4810,

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

64.2200, 30.4810, 47.8330

Protanopia

57.1470, -65.8410, 9.3190

Deuteranopia

70.5050, -20.1750, 7.7050



Tritanopia

69.6740, 39.5650, 15.3490

Trichromacy



Original Color

64.2200, 30.4810, 47.8330

Protanomaly

59.8420, -30.7690, 23.4950

Deuteranomaly

67.9300, -1.8380, 22.3060

Tritanomaly

67.4970, 36.1700, 27.3220

Monochromacy



Original Color

64.2200, 30.4810, 47.8330

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.9990, 10.9090, 17.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.2200, 30.4810, 47.8330 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(123, 25, 112)` looks like.

```
.text, #text, p{  
    color:rgb(123, 25, 112)  
}
```

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(123, 25, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 25, 112) }
```

Border

The CSS property to change the border of an element to YIQ 64.2200, 30.4810, 47.8330 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(123, 25, 112) }
```


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

```
.border{ border-color:rgb(123, 25, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 25, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 25, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 25, 112);  
box-shadow:4px 4px 4px 4px rgb(123, 25,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 64.2200, 30.4810, 47.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 25, 112) }
```

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

```
.background{ background-color: rgb(123, 25,  
112) }
```

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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