

Converting Colors

YIQ(57.6970, 24.7040, 47.9040)

Have a look what the booklet for
YIQ(57.6970, 24.7040, 47.9040)
contains.

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Color

**YIQ(57.6970, 24.7040,
47.9040)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6F1470 |
| RGB | 111, 20, 112 |
| RGB Percent | 44%, 8%, 44% |
| CMY | 0.5644, 0.9217, 0.5608 |
| CMYK | 0.01, 0.82, 0.00, 0.56 |
| HSL | 299°, 70%, 26% |
| HSV | 299°, 82%, 44% |
| XYZ | 9.7388, 5.0530, 15.7933 |
| YIQ | 57.6970, 24.7040, 47.9040 |

Conversions

Conversions Part 2

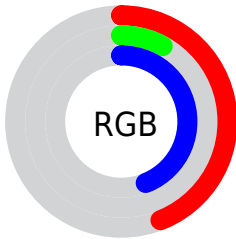
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 111, 20, 112 |
| Decimal | 7279728 |
| CIE _{Lab} | 26.89, 49.12, -31.14 |
| CIE _{LCh} | 27, 58.160, 327.624 |
| Yxy | 5.0530, 0.3184, 0.1652 |
| Android (android.graphics.Color) | 4285469808 (0xFF6F1470) |
| YUV | 57.6970, 26.7714, 46.7467 |
| Hunter-Lab | 22.4789, 37.9958, -25.9208 |

Details

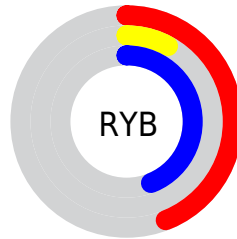
The YIQ color **57.6970, 24.7040, 47.9040** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **74.3030, -24.7040, -47.9040**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.9420, 25.3920, 46.4480**, and **24.8230, 14.9410, 32.1010** is the 20% darker color. If you saturate the color by 10%, you get **51.2400, 27.7290, 53.6570**, and if you desaturate by 10%, it is **64.1540, 21.6790, 42.1510**.

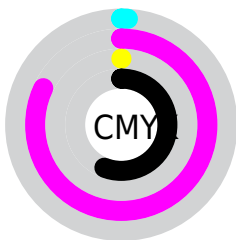
Distribution



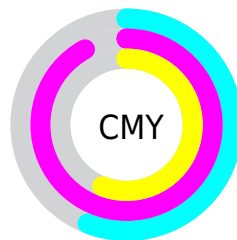
- Red (44%)
- Green (8%)
- Blue (44%)



- Red (44%)
- Yellow (8%)
- Blue (44%)



- Cyan (1%)
- Magenta (82%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (92%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.6970, 24.7040, 47.9040 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 57.6970, 24.7040, 47.9040 by changing the saturation by 10% instead.

■ 57.6970, 24.7040,
47.9040

■ 57.6970, 24.7040,
47.9040

■ 255.0000, -0.0000,
-0.0000

■ 35.3330, 22.7330,
45.0770

■ 112.9420, 25.3920,
46.4480

■ 24.8230, 14.9410,
32.1010

■ 139.7680, 25.9420,
47.4940

■ 15.4380, 8.2950,
20.3830

■ 167.4800, 26.8130,
48.2290

■ 2.7530, -6.3740,
5.3860

■ 195.1920, 27.6840,
48.9640

■ 0.0000, 0.0000,
0.0000

■ 213.3230, 19.5250,
37.1330

■ 229.7590, 11.8250,

22.4890

246.7820, 3.8500,
7.3220

57.6970, 24.7040,
47.9040

57.6970, 24.7040,
47.9040

51.2400, 27.7290,
53.6570

64.1540, 21.6790,
42.1510

45.9570, 30.2040,
58.3640

70.6110, 18.6540,
36.3980

77.6550, 15.3540,
30.1220

84.4110, 12.9250,
24.5810

90.8680, 9.9000,
18.8280

■ 97.3250, 6.8750,
13.0750

■ 103.7820, 3.8500,
7.3220

■ 110.8260, 0.5500,
1.0460

■ 117.2830, -2.4750,
-4.7070

Harmonies

Analogous

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



59.7860, -36.3630, 25.7570



57.6970, 24.7040, 47.9040



48.5300, 58.9070, 50.2910

Triad

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



57.6970, 24.7040, 47.9040



60.3250, 32.0970, -14.5190



59.4030, -55.6590, -10.0190

Complementary

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



57.6970, 24.7040, 47.9040



74.3030, -24.7040, -47.9040

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.



54.2730, -41.2140, -24.0140



57.6970, 24.7040, 47.9040



54.2130, 2.5730, -30.1230

Square

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



57.6970, 24.7040, 47.9040



57.2780, 57.8150, 3.9830



46.5840, -23.6970, -38.6170



62.2190, -66.3440, 1.9120

Rectangle

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



57.6970, 24.7040, 47.9040



45.5230, 68.8120, 41.4840



46.5840, -23.6970, -38.6170



57.6930, -50.8440, -14.6840

Sweetspot

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



57.6970, 24.7040, 47.9040



123.8680, 9.9000, 18.8280



31.6620, -30.0820, 27.5660



61.0860, 6.0500, 11.5060



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.



57.6970, 24.7040, 47.9040



60.1730, 39.0040, 75.1000



52.9800, 39.4240, 34.4320



52.4780, 1.6500, 3.1380



49.2610, 32.4040, 62.5480



101.4130, 66.7330, 128.7570

Inverse Universe

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



47.6220, 54.5110, 19.8150



44.2840, 85.1820, 31.1500



79.0200, -39.4240, -34.4320



51.9080, 3.2550, 1.5830



35.9940, 71.1990, 25.7510



74.1950, 146.2490, 53.2970

Previews

White Background



This preview shows how the YIQ color 57.6970, 24.7040, 47.9040 looks on a white background.

Color Contrast Check

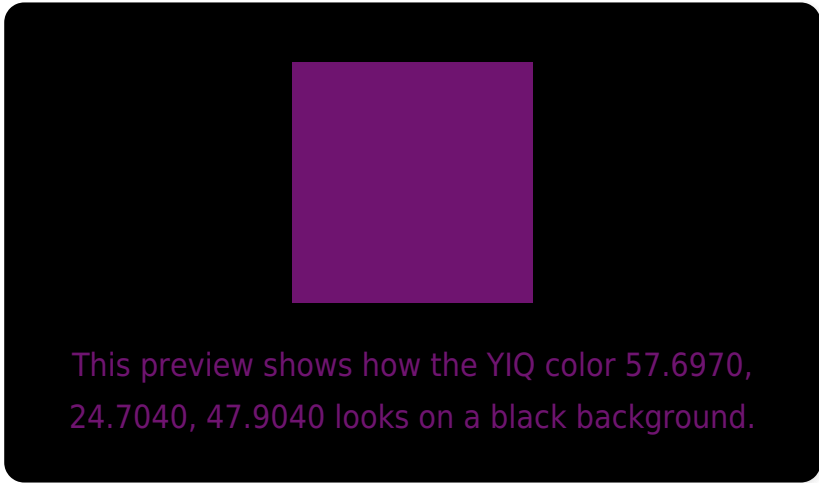
Large Text (above 18pt) WCAG AA ✓ Pass

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

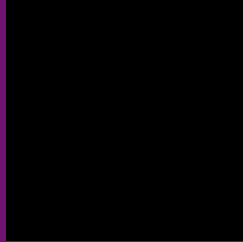
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.6970, 24.7040, 47.9040

Background



This preview shows how black text looks on a background with the YIQ color 57.6970, 24.7040, 47.9040.



This preview shows how white text looks on a background with the YIQ color 57.6970, 24.7040,

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

57.6970, 24.7040, 47.9040

Deuteranopia

63.0850, -27.7400, 7.1400

Tritanopia

64.3850, 33.0090, 13.0170

Trichromacy



Original Color

57.6970, 24.7040, 47.9040

Deuteranomaly

60.8090, -8.8070, 21.9530

Tritanomaly

62.0340, 30.1640, 26.0360

Monochromacy



Original Color

57.6970, 24.7040, 47.9040

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.7430, 8.7540, 17.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.6970, 24.7040, 47.9040 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(111, 20, 112)` looks like.

```
.text, #text, p{  
    color:rgb(111, 20, 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(111, 20, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 20, 112) }
```

Border

The CSS property to change the border of an element to YIQ 57.6970, 24.7040, 47.9040 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(111, 20, 112) }
```

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

```
.border{ border-color:rgb(111, 20, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 20, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 20, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 20, 112);  
box-shadow:4px 4px 4px 4px rgb(111, 20,  
112) }
```


Background

The CSS property to change the background color of an element to YIQ 57.6970, 24.7040, 47.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 20, 112) }
```

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

```
.background{ background-color: rgb(111, 20,  
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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