

Converting Colors

YIQ(66.9970, 49.9220, 42.4180)

Have a look what the booklet for
YIQ(66.9970, 49.9220, 42.4180)
contains.

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Color

**YIQ(66.9970, 49.9220,
42.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	8D1A54
RGB	141, 26, 84
RGB Percent	55%, 10%, 33%
CMY	0.4467, 0.8982, 0.6704
CMYK	0.00, 0.82, 0.40, 0.45
HSL	330°, 69%, 33%
HSV	330°, 82%, 55%
XYZ	12.9680, 7.0470, 9.0722
YIQ	66.9970, 49.9220, 42.4180

Conversions

Conversions Part 2

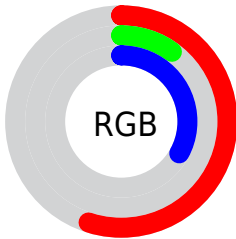
Format	Color
RYB	141, 26, 84
Decimal	9247316
CIELab	31.91, 50.88, -4.74
CIELCh	32, 51.100, 354.673
Yxy	7.0470, 0.4458, 0.2423
Android (android.graphics.Color)	4287437396 (0xFF8D1A54)
YUV	66.9970, 8.3825, 64.9006
Hunter-Lab	26.5462, 40.7428, -1.6802

Details

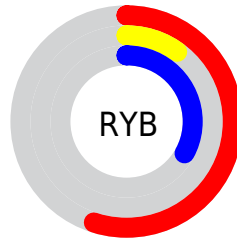
The YIQ color **66.9970, 49.9220, 42.4180** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **100.0030, -49.9220, -42.4180**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.6720, 52.2150, 39.4070**, and **30.1600, 38.7370, 30.3610** is the 20% darker color. If you saturate the color by 10%, you get **57.9810, 56.0190, 47.5630**, and if you desaturate by 10%, it is **76.0130, 43.8250, 37.2730**.

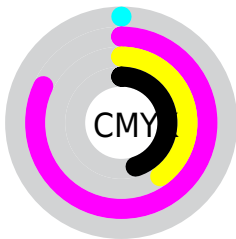
Distribution



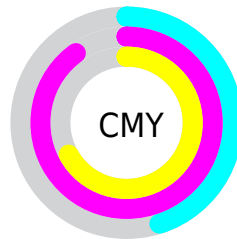
- Red (55%)
- Green (10%)
- Blue (33%)



- Red (55%)
- Yellow (10%)
- Blue (33%)



- Cyan (0%)
- Magenta (82%)
- Yellow (40%)
- Black (45%)



- Cyan (45%)
- Magenta (90%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.9970, 49.9220, 42.4180 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 66.9970, 49.9220, 42.4180 by changing the saturation by 10% instead.

■ 66.9970, 49.9220,
42.4180

■ 66.9970, 49.9220,
42.4180

■ 255.0000, -0.0000,
-0.0000

■ 40.7410, 47.7670,
42.9270

■ 123.9710, 52.8110,
39.6190

■ 30.1600, 38.7370,
30.3610

■ 151.5690, 54.0030,
40.0430

■ 20.1060, 29.6610,
18.6290

■ 178.5690, 54.0030,
40.0430

■ 9.0840, 17.5590,
6.6710

■ 197.4960, 37.9110,
34.3190

■ 0.0000, 0.0000,
0.0000

■ 217.8250, 20.6270,
28.1710

■ 235.6290, 9.0750,

17.2590

253.2390, 0.8250,
1.5690

66.9970, 49.9220,
42.4180

66.9970, 49.9220,
42.4180

57.9810, 56.0190,
47.5630

76.0130, 43.8250,
37.2730

50.2530, 61.2450,
51.9730

85.0290, 37.7280,
32.1280

94.0450, 31.6310,
26.9830

103.0610, 25.5340,
21.8380

112.6640, 19.1620,
16.1700

■ 121.6800, 13.0650,
11.0250

■ 130.6960, 6.9680,
5.8800

■ 139.7120, 0.8710,
0.7350

■ 148.7280, -5.2260,
-4.4100

Harmonies

Analogous

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



75.2950, 16.7280, 38.2640



66.9970, 49.9220, 42.4180



66.5570, 62.3040, 27.2640

Triad

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



66.9970, 49.9220, 42.4180



66.6610, 12.9350, -30.6890



68.7900, -69.6900, -3.5300

Complementary

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



66.9970, 49.9220, 42.4180



100.0030, -49.9220, -42.4180

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.



66.9030, -60.2430, -15.0510



66.9970, 49.9220, 42.4180



54.9790, -32.1790, -39.0830

Square

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



66.9970, 49.9220, 42.4180



70.9790, 38.8830, -16.3570



61.5280, -46.4860, -27.5900



65.9180, -72.6260, 5.6300

Rectangle

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



66.9970, 49.9220, 42.4180



69.2340, 61.1150, 10.2590



61.5280, -46.4860, -27.5900



68.3510, -67.0760, -6.8520

Sweetspot

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



66.9970, 49.9220, 42.4180



155.6640, 19.1620, 16.1700



55.8540, -3.5390, 47.6370



74.6690, 11.5980, 10.0780



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



66.9970, 49.9220, 42.4180



68.0800, 78.3900, 66.1500



60.6130, 67.8980, 25.0020



66.5490, 2.8880, 2.7280



48.1170, 58.6320, 49.7680



2.8480, 3.4840, 2.9400

Inverse Universe

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



66.9970, 49.9220, 42.4180



68.0800, 78.3900, 66.1500



106.3870, -67.8980, -25.0020



66.5490, 2.8880, 2.7280



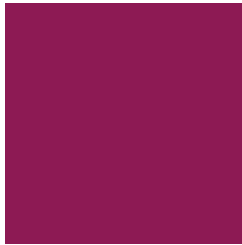
48.1170, 58.6320, 49.7680



2.8480, 3.4840, 2.9400

Previews

White Background



This preview shows how the YIQ color 66.9970, 49.9220, 42.4180 looks on a white background.

Color Contrast Check

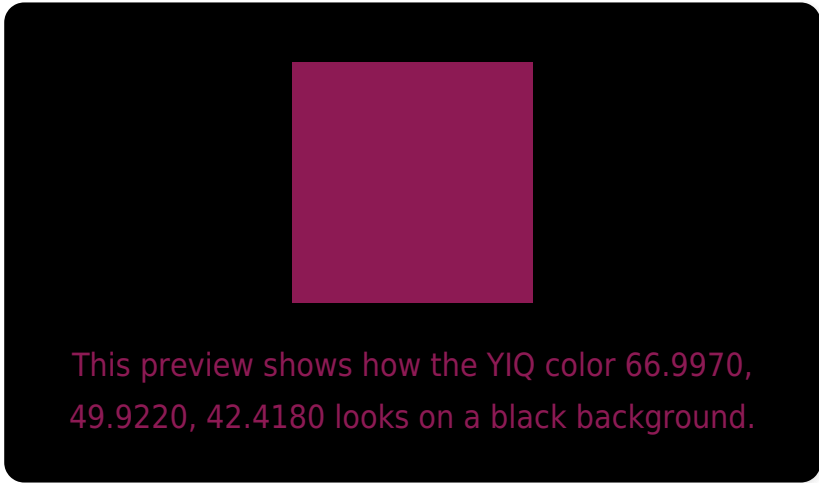
Large Text (above 18pt) WCAG AA ✓ Pass

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

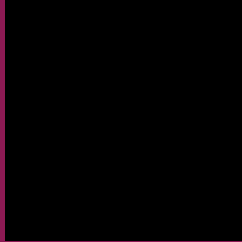
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.9970, 49.9220, 42.4180

Background



This preview shows how black text looks on a background with the YIQ color 66.9970, 49.9220, 42.4180.



This preview shows how white text looks on a background with the YIQ color 66.9970, 49.9220,

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

66.9970, 49.9220, 42.4180

Protanopia

75.9720, -19.9920, 9.8960

Deuteranopia

77.1470, 4.0800, 3.1520



Tritanopia

69.5300, 57.7660, 21.3980

Trichromacy



Original Color

66.9970, 49.9220, 42.4180

Protanomaly

72.5240, 5.1770, 21.8250

Deuteranomaly

73.6750, 20.6290, 17.1170

Tritanomaly

68.6040, 54.9220, 28.8900

Monochromacy



Original Color

66.9970, 49.9220, 42.4180

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

66.9520, 18.2910, 15.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.9970, 49.9220, 42.4180 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(141, 26, 84)` looks like.

```
.text, #text, p{  
    color:rgb(141, 26, 84)  
}
```

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(141, 26, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 26, 84) }
```

Border

The CSS property to change the border of an element to YIQ 66.9970, 49.9220, 42.4180 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(141, 26, 84) }
```


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

```
.border{ border-color:rgb(141, 26, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 26, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 26, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 26, 84);  
box-shadow:4px 4px 4px 4px rgb(141, 26,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 66.9970, 49.9220, 42.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 26, 84) }
```

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

```
.background{ background-color: rgb(141, 26,  
84) }
```

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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