

Converting Colors

YIQ(72.9700, -24.5370, 42.7190)

Have a look what the booklet for
YIQ(72.9700, -24.5370, 42.7190)
contains.

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Color

**YIQ(72.9700, -24.5370,
42.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	4C34AD
RGB	76, 52, 173
RGB Percent	30%, 20%, 68%
CMY	0.7018, 0.7961, 0.3218
CMYK	0.56, 0.70, 0.00, 0.32
HSL	252°, 54%, 44%
HSV	252°, 70%, 68%
XYZ	11.7488, 7.0082, 40.2439
YIQ	72.9700, -24.5370, 42.7190

Conversions

Conversions Part 2

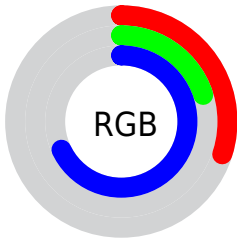
Format	Color
R_{YB}	76, 52, 173
Decimal	4994221
CIE _{Lab}	31.83, 42.93, -61.07
CIE _{LCh}	32, 74.649, 305.102
Yxy	7.0082, 0.1991, 0.1188
Android (android.graphics.Color)	4283184301 (0xFF4C34AD)
YUV	72.9700, 49.3148, 2.6573
Hunter-Lab	26.4731, 32.8910, -71.6005

Details

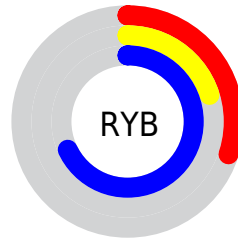
The YIQ color **72.9700, -24.5370, 42.7190** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **152.0300, 24.5370, -42.7190**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.4590, -21.4200, 46.8040**, and **16.5010, -39.5740, 34.3940** is the 20% darker color. If you saturate the color by 10%, you get **58.8050, -28.2060, 48.6420**, and if you desaturate by 10%, it is **87.1350, -20.8680, 36.7960**.

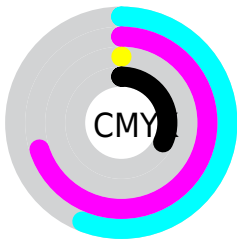
Distribution



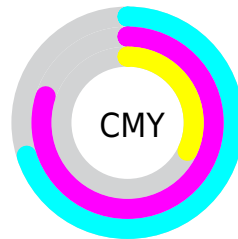
- Red (30%)
- Green (20%)
- Blue (68%)



- Red (30%)
- Yellow (20%)
- Blue (68%)



- Cyan (56%)
- Magenta (70%)
- Yellow (0%)
- Black (32%)



- Cyan (70%)
- Magenta (80%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.9700, -24.5370, 42.7190 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 72.9700, -24.5370, 42.7190 by changing the saturation by 10% instead.

■ 72.9700, -24.5370,
42.7190

■ 72.9700, -24.5370,
42.7190

■ 255.0000, -0.0000,
-0.0000

■ 46.8230, -28.6170,
39.5670

■ 125.4590,
-21.4200, 46.8040

■ 16.5010, -39.5740,
34.3940

■ 151.7690,
-19.3570, 47.9630

■ 10.7160, -30.1740,
29.2340

■ 176.2890, -9.4980,
39.9900

■ 9.0400, -22.6990,
20.4130

■ 200.8090, 0.3610,
32.0170

■ 7.5920, -15.8660,
12.2140

■ 226.2150, 10.5410,
23.7330

■ 3.3230, -7.9790,
6.9410

■ 243.8470, 5.2250,

■ 0.0000, 0.0000,

9.9370

0.0000

■ 72.9700, -24.5370,
42.7190

■ 72.9700, -24.5370,
42.7190

■ 58.8050, -28.2060,
48.6420

■ 87.1350, -20.8680,
36.7960

■ 44.0530, -31.6000,
55.0880

■ 101.8870,
-17.4740, 30.3500

■ 29.8880, -35.2690,
61.0110

■ 116.0520,
-13.8050, 24.4270

■ 129.9180,
-10.7320, 18.2920

■ 144.0830, -7.0630,
12.3690

■ 158.8350, -3.6690,
5.9230

■ 173.0000, -0.0000,
0.0000

■ 187.1650, 3.6690,
-5.9230

■ 201.9170, 7.0630,
-12.3690

Harmonies

Analogous

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



69.7770, -84.8700, 18.2820



72.9700, -24.5370, 42.7190



58.6160, 47.7620, 70.5620

Triad

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



72.9700, -24.5370, 42.7190



68.8070, 63.4550, 0.8870



66.5150, -53.6390, -24.6070

Complementary

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



72.9700, -24.5370, 42.7190



152.0300, 24.5370, -42.7190

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.



57.2300, -31.6280, -43.5640



72.9700, -24.5370, 42.7190



69.7280, 29.1640, -21.9400

Square

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



72.9700, -24.5370, 42.7190



49.1650, 93.0670, 36.9310



52.2430, -24.4750, -46.5470



73.1270, -72.2570, -6.5690

Rectangle

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



72.9700, -24.5370, 42.7190



59.8510, 71.6050, 62.4610



52.2430, -24.4750, -46.5470



63.5340, -46.6230, -30.6150

Sweetspot

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



72.9700, -24.5370, 42.7190



185.3480, -9.1270, 16.7370



123.9070, -66.0660, -14.1460



88.9860, -5.4120, 9.9800



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



72.9700, -24.5370, 42.7190



68.4950, -38.2960, 66.3120



90.6110, 10.6270, 55.2270



79.6240, -1.6970, 3.2230



26.0700, -30.2700, 53.0100



4.1170, -4.4030, 8.2130

Inverse Universe

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



99.2370, 40.9790, 55.8190



109.4260, 63.5770, 86.8170



134.3890, -10.6270, -55.2270



81.4890, 3.1170, 4.0850



58.6440, 50.5590, 69.4310



8.9290, 7.9300, 10.4740

Previews

White Background



This preview shows how the YIQ color 72.9700, -24.5370, 42.7190 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



This preview shows how the YIQ color 72.9700, -24.5370, 42.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

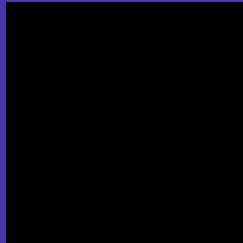
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.9700, -24.5370, 42.7190

Background



This preview shows how black text looks on a background with the YIQ color 72.9700, -24.5370, 42.7190.



This preview shows how white text looks on a background with the YIQ color 72.9700, -24.5370,

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

72.9700, -24.5370, 42.7190

Protanopia

59.7060, -68.9130, 9.9270

Deuteranopia

60.1330, -63.2260, 0.4700



Tritanopia

70.0340, -23.7030, -5.4550

Trichromacy



Original Color

72.9700, -24.5370, 42.7190

Protanomaly

64.7670, -52.5470, 21.7010

Deuteranomaly

64.9320, -48.8780, 15.7780

Tritanomaly

71.2860, -23.7520, 11.9600

Monochromacy



Original Color

72.9700, -24.5370, 42.7190

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.7070, -8.7600, 15.5920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.9700, -24.5370, 42.7190 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(76, 52, 173)` looks like.

```
.text, #text, p{  
    color:rgb(76, 52, 173)  
}
```

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(76, 52, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 52, 173) }
```

Border

The CSS property to change the border of an element to YIQ 72.9700, -24.5370, 42.7190 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(76, 52, 173) }
```


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

```
.border{ border-color:rgb(76, 52, 173) }
```

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

Here you see how a box with a 4 pixel rgb(76, 52, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 52, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 52, 173);  
box-shadow:4px 4px 4px 4px rgb(76, 52,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 72.9700, -24.5370, 42.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 52, 173) }
```

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

```
.background{ background-color: rgb(76, 52,  
173) }
```

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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