

Converting Colors

YIQ(74.3970, -1.6550, 24.4970)

Have a look what the booklet for
YIQ(74.3970, -1.6550, 24.4970)
contains.

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Color

**YIQ(74.3970, -1.6550,
24.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	583B76
RGB	88, 59, 118
RGB Percent	35%, 23%, 46%
CMY	0.6548, 0.7687, 0.5373
CMYK	0.25, 0.50, 0.00, 0.54
HSL	270°, 33%, 35%
HSV	270°, 50%, 46%
XYZ	8.8596, 6.5104, 17.9251
YIQ	74.3970, -1.6550, 24.4970

Conversions

Conversions Part 2

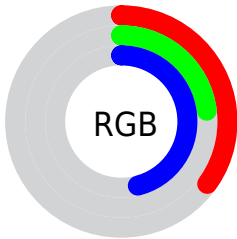
Format	Color
R_{YB}	88, 59, 118
Decimal	5782390
CIE Lab	30.67, 25.56, -29.16
CIE LCh	31, 38.775, 311.242
Yxy	6.5104, 0.2661, 0.1955
Android (android.graphics.Color)	4283972470 (0xFF583B76)
YUV	74.3970, 21.4963, 11.9298
Hunter-Lab	25.5155, 17.3276, -23.7914

Details

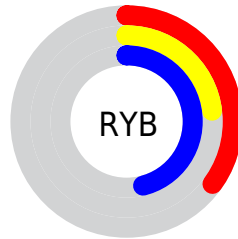
The YIQ color **74.3970, -1.6550, 24.4970** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **102.6030, 1.6550, -24.4970**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.8640, -1.4720, 26.6880**, and **28.6310, -2.4340, 22.0940** is the 20% darker color. If you saturate the color by 10%, you get **65.5590, -1.9310, 29.5010**, and if you desaturate by 10%, it is **83.2350, -1.3790, 19.4930**.

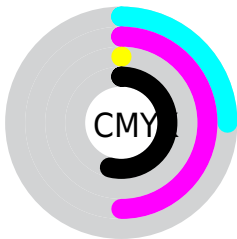
Distribution



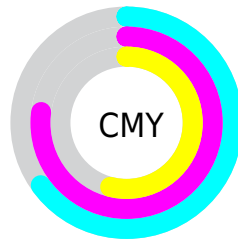
- Red (35%)
- Green (23%)
- Blue (46%)



- Red (35%)
- Yellow (23%)
- Blue (46%)



- Cyan (25%)
- Magenta (50%)
- Yellow (0%)
- Black (54%)



- Cyan (65%)
- Magenta (77%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.3970, -1.6550, 24.4970 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 74.3970, -1.6550, 24.4970 by changing the saturation by 10% instead.

■ 74.3970, -1.6550,
24.4970

■ 74.3970, -1.6550,
24.4970

■ 255.0000, -0.0000,
-0.0000

■ 51.1580, -2.4800,
22.9280

■ 123.8640, -1.4720,
26.6880

■ 28.6310, -2.4340,
22.0940

■ 150.2770, -1.1970,
27.2110

■ 11.9360, -1.9750,
19.2810

■ 177.1030, -0.6470,
28.2570

■ 3.4370, -8.3000,
7.2520

■ 204.6300, -0.6930,
29.0910

■ 0.0000, 0.0000,
0.0000

■ 229.7370, 8.8910,
20.5950

■ 247.3690, 3.5750,

6.7990

■ 74.3970, -1.6550,
24.4970

■ 74.3970, -1.6550,
24.4970

■ 65.5590, -1.9310,
29.5010

■ 83.2350, -1.3790,
19.4930

■ 56.7210, -2.2070,
34.5050

■ 92.0730, -1.1030,
14.4890

■ 48.4700, -2.7580,
38.9860

■ 100.3240, -0.5520,
10.0080

■ 39.6320, -3.0340,
43.9900

■ 109.1620, -0.2760,
5.0040

■ 30.7940, -3.3100,
48.9940

■ 118.0000, 0.0000,
-0.0000

■ 126.8380, 0.2760,
-5.0040

■ 135.6760, 0.5520,
-10.0080

■ 143.9270, 1.1030,
-14.4890

■ 152.7650, 1.3790,
-19.4930

Harmonies

Analogous

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



65.3850, -46.0800, 9.1200



74.3970, -1.6550, 24.4970



72.4730, 27.5500, 29.3580

Triad

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



74.3970, -1.6550, 24.4970



69.5050, 40.5780, -8.5260



59.9440, -50.2930, -19.1650

Complementary

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



74.3970, -1.6550, 24.4970



102.6030, 1.6550, -24.4970

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.



55.8230, -40.0670, -28.2830



74.3970, -1.6550, 24.4970



66.8030, 24.5790, -21.4450

Square

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



74.3970, -1.6550, 24.4970



69.9920, 47.1770, 9.5530



63.0260, -4.0300, -26.0940



62.5490, -59.0060, -9.9340

Rectangle

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



74.3970, -1.6550, 24.4970



70.2370, 39.8380, 26.9260



63.0260, -4.0300, -26.0940



58.8040, -47.0830, -22.2750

Sweetspot

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



74.3970, -1.6550, 24.4970



135.9110, -0.8270, 9.4850



83.3360, -27.1890, 2.6590



66.6890, -0.3220, 5.8380



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



74.3970, -1.6550, 24.4970



84.9430, -2.7120, 38.1520



83.0680, 15.6290, 30.6450



54.5810, -0.1380, 2.5020



31.8480, -3.4020, 50.6620



65.2770, -6.9420, 103.8260

Inverse Universe

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



80.0610, 25.5340, 21.8380



93.8660, 39.7450, 34.1210



93.9320, -15.6290, -30.6450



55.1360, 2.6130, 2.2050



43.5460, 52.8100, 45.1460



89.2280, 108.2330, 92.4970

Previews

White Background



This preview shows how the YIQ color 74.3970, -1.6550, 24.4970 looks on a white background.

Color Contrast Check

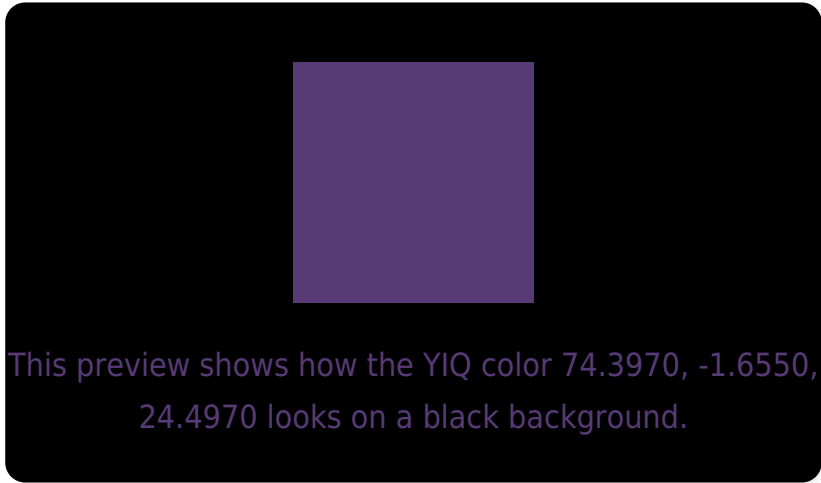
Large Text (above 18pt) WCAG AA ✓ Pass

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

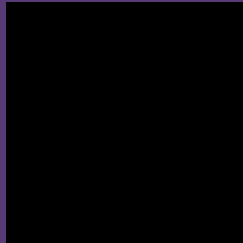
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.3970, -1.6550, 24.4970

Background



This preview shows how black text looks on a background with the YIQ color 74.3970, -1.6550, 24.4970.



This preview shows how white text looks on a background with the YIQ color 74.3970, -1.6550,

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

74.3970, -1.6550, 24.4970

Protanopia

69.8380, -34.1140, 12.5260

Deuteranopia

70.3130, -28.3820, 7.7620



Tritanopia

72.9730, 4.6300, 4.1980

Trichromacy



Original Color

74.3970, -1.6550, 24.4970

Protanomaly

71.8180, -22.1940, 16.7660

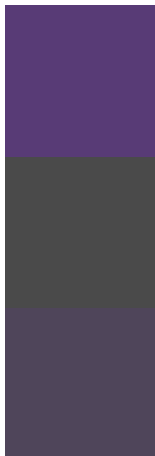
Deuteranomaly

71.9770, -18.3880, 13.8680

Tritanomaly

73.3460, 2.3820, 11.9020

Monochromacy



Original Color

74.3970, -1.6550, 24.4970

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.3840, -0.7810, 8.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.3970, -1.6550, 24.4970 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(88, 59, 118)` looks like.

```
.text, #text, p{  
    color:rgb(88, 59, 118)  
}
```

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(88, 59, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 59, 118) }
```

Border

The CSS property to change the border of an element to YIQ 74.3970, -1.6550, 24.4970 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(88, 59, 118) }
```


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

```
.border{ border-color:rgb(88, 59, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 59, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 59, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 59, 118);  
box-shadow:4px 4px 4px 4px rgb(88, 59,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 74.3970, -1.6550, 24.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 59, 118) }
```

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

```
.background{ background-color: rgb(88, 59,  
118) }
```

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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