

Converting Colors

YIQ(109.3970, -1.6550, 24.4970)

Have a look what the booklet for
YIQ(109.3970, -1.6550, 24.4970)
contains.

YIQ(109.3970, -1.6550, 24.4970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(109.3970, -1.6550,
24.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5E99
RGB	123, 94, 153
RGB Percent	48%, 37%, 60%
CMY	0.5175, 0.6314, 0.4001
CMYK	0.20, 0.39, 0.00, 0.40
HSL	270°, 24%, 48%
HSV	270°, 39%, 60%
XYZ	17.9225, 14.5157, 31.9884
YIQ	109.3970, -1.6550, 24.4970

Conversions

Conversions Part 2

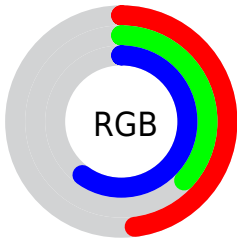
Format	Color
R_{YB}	123, 94, 153
Decimal	8085145
CIE _{Lab}	44.96, 23.95, -27.85
CIE _{LCh}	45, 36.726, 310.693
Yxy	14.5157, 0.2782, 0.2253
Android (android.graphics.Color)	4286275225 (0xFF7B5E99)
YUV	109.3970, 21.4963, 11.9298
Hunter-Lab	38.0994, 17.2950, -23.1104

Details

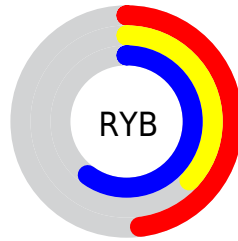
The YIQ color $109.3970, -1.6550, 24.4970$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $137.6030, 1.6550, -24.4970$, and the grayscale version is $109.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $161.4510, -1.7470, 26.1650$, and $61.0440, -2.1590, 22.6170$ is the 20% darker color. If you saturate the color by 10%, you get $98.2000, -2.2980, 30.6460$, and if you desaturate by 10%, it is $120.5940, -1.0120, 18.3480$.

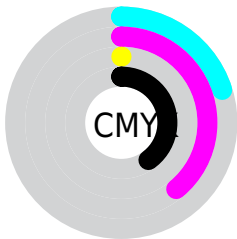
Distribution



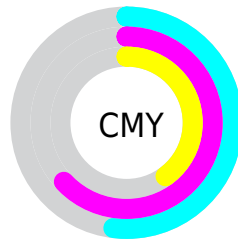
- Red (48%)
- Green (37%)
- Blue (60%)



- Red (48%)
- Yellow (37%)
- Blue (60%)



- Cyan (20%)
- Magenta (39%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.3970, -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 109.3970, -1.6550, 24.4970 by changing the saturation by 10% instead.

■ 109.3970, -1.6550,
24.4970

■ 109.3970, -1.6550,
24.4970

■ 255.0000, -0.0000,
-0.0000

■ 84.5710, -2.2050,
23.4510

■ 161.4510, -1.7470,
26.1650

■ 61.0440, -2.1590,
22.6170

■ 188.2770, -1.1970,
27.2110

■ 38.1040, -2.3880,
21.2600

■ 215.5500, 2.2880,
24.6240

■ 15.6910, -2.6630,
20.7370

■ 238.5640, 7.7000,
14.6440

■ 3.6480, -10.2720,
9.9520

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,

0.0000

■ 109.3970, -1.6550,
24.4970

■ 109.3970, -1.6550,
24.4970

■ 98.2000, -2.2980,
30.6460

■ 120.5940, -1.0120,
18.3480

■ 86.4160, -2.6660,
37.3180

■ 132.3780, -0.6440,
11.6760

■ 75.5180, -2.7130,
43.6790

■ 143.2760, -0.5970,
5.3150

■ 64.3210, -3.3560,
49.8280

■ 154.4730, 0.0460,
-0.8340

■ 52.5370, -3.7240,
56.5000

■ 165.6700, 0.6890,
-6.9830

■ 41.3400, -4.3670,
62.6490

■ 177.4540, 1.0570,
-13.6550

■ 39.8670, -4.4130,
63.4830

■ 188.3520, 1.1040,
-20.0160

■ 199.5490, 1.7470,
-26.1650

■ 211.3330, 2.1150,
-32.8370

Harmonies

Analogous

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



103.2720, -38.3320, 11.8760



109.3970, -1.6550, 24.4970



108.6470, 27.0000, 28.3120

Triad

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



109.3970, -1.6550, 24.4970



105.1570, 41.6780, -6.4340



84.9520, -71.1070, -27.4190

Complementary

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



109.3970, -1.6550, 24.4970



137.6030, 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.



89.9970, -40.6170, -29.3290



109.3970, -1.6550, 24.4970



102.4980, 24.1200, -18.6320

Square

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



109.3970, -1.6550, 24.4970



106.3620, 49.0110, 9.3550



98.6240, -2.8380, -25.6700



86.9700, -79.5450, -17.6650

Rectangle

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



109.3970, -1.6550, 24.4970



107.5960, 40.2050, 25.7810



98.6240, -2.8380, -25.6700



83.6980, -67.5760, -30.8400

Sweetspot

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



109.3970, -1.6550, 24.4970



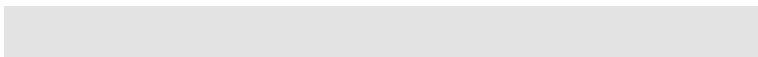
181.3240, -0.5520, 10.0080



118.3360, -27.1890, 2.6590



89.2760, -0.5970, 5.3150



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



109.3970, -1.6550, 24.4970



130.9430, -2.7120, 38.1520



118.0680, 15.6290, 30.6450



71.1080, -0.1840, 3.3360



36.5910, -3.8160, 58.1680



3.2760, -0.5970, 5.3150

Inverse Universe

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



115.0610, 25.5340, 21.8380



139.8660, 39.7450, 34.1210



128.9320, -15.6290, -30.6450



71.8480, 3.4840, 2.9400



49.9540, 60.6490, 51.7610



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 109.3970, -1.6550, 24.4970 looks on a white background.

Color Contrast Check

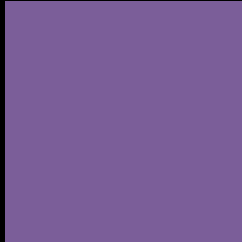
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 109.3970, -1.6550, 24.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 109.3970, -1.6550, 24.4970

Background



This preview shows how black text looks on a background with the YIQ color 109.3970, -1.6550, 24.4970.



This preview shows how white text looks on a background with the YIQ color 109.3970, -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

109.3970, -1.6550, 24.4970

Protanopia

105.8170, -29.6210, 13.6990

Deuteranopia

106.0580, -23.1100, 11.3380



Tritanopia

107.7990, 5.1800, 5.2440

Trichromacy



Original Color

109.3970, -1.6550, 24.4970

Protanomaly

107.0140, -19.8100, 17.6140

Deuteranomaly

107.4120, -15.1790, 16.2850

Tritanomaly

108.6450, 2.9780, 12.1140

Monochromacy



Original Color

109.3970, -1.6550, 24.4970

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.3840, -0.7810, 8.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.3970, -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(123, 94, 153)` looks like.

```
.text, #text, p{  
    color:rgb(123, 94, 153)  
}
```

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, 94, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 94, 153) }
```

Border

The CSS property to change the border of an element to YIQ 109.3970, -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(123, 94, 153) }
```


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

```
.border{ border-color:rgb(123, 94, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 94, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 94, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 94, 153);  
box-shadow:4px 4px 4px 4px rgb(123, 94,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 109.3970, -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(123, 94, 153) }
```

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

```
.background{ background-color: rgb(123, 94,  
153) }
```

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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