

# Converting Colors

YIQ(57.2730, 24.1030, 75.3270)

Have a look what the booklet for  
YIQ(57.2730, 24.1030, 75.3270)  
contains.

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# Color

**YIQ(57.2730, 24.1030,  
75.3270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F029F
RGB	127, 2, 159
RGB Percent	50%, 1%, 62%
CMY	0.5016, 0.9923, 0.3765
CMYK	0.20, 0.99, 0.00, 0.38
HSL	288°, 98%, 32%
HSV	288°, 99%, 62%
XYZ	15.0460, 7.0650, 33.3686
YIQ	57.2730, 24.1030, 75.3270

# Conversions

## Conversions Part 2

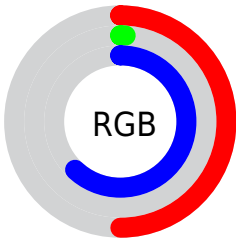
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 2, 159
Decimal	8323743
CIE <sub>Lab</sub>	31.95, 63.78, -52.16
CIE <sub>LCh</sub>	32, 82.391, 320.721
Yxy	7.0650, 0.2712, 0.1273
Android (android.graphics.Color)	4286513823 (0xFF7F029F)
YUV	57.2730, 50.1514, 61.1506
Hunter-Lab	26.5801, 54.5268, -55.8263

# Details

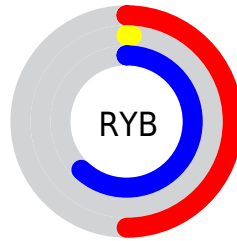
The YIQ color **57.2730, 24.1030, 75.3270** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **103.7270, -24.1030, -75.3270**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.5510, 20.0240, 66.6480**, and **33.3130, 8.2900, 48.0180** is the 20% darker color. If you saturate the color by 10%, you get **56.0990, 24.6530, 76.3730**, and if you desaturate by 10%, it is **67.5620, 21.4910, 67.5950**.

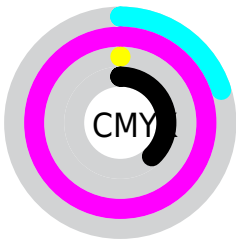
# Distribution



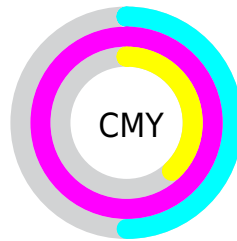
- Red (50%)
- Green (1%)
- Blue (62%)



- Red (50%)
- Yellow (1%)
- Blue (62%)



- Cyan (20%)
- Magenta (99%)
- Yellow (0%)
- Black (38%)



- Cyan (50%)
- Magenta (99%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 57.2730, 24.1030, 75.3270 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 57.2730, 24.1030, 75.3270 by changing the saturation by 10% instead.



■ 57.2730, 24.1030,  
75.3270

■ 57.2730, 24.1030,  
75.3270

■ 255.0000, -0.0000,  
-0.0000

■ 44.6490, 16.6320,  
62.0400

■ 123.5510, 20.0240,  
66.6480

■ 33.6120, 8.8860,  
48.2300

■ 151.8500, 20.6200,  
66.8600

■ 23.1020, 1.0940,  
35.2540

■ 178.6240, 26.9480,  
62.3080

■ 10.0860, -11.1450,  
20.2710

■ 198.6480, 26.4000,  
50.2080

■ 5.1640, -11.7850,  
9.8390

■ 215.0840, 18.7000,  
35.5640


■ 1.0260, -2.8890,  
2.7990


■ 232.1070, 10.7250,


■ 0.0000, 0.0000,


20.3970


0.0000


 249.1300, 2.7500,  
5.2300


 57.2730, 24.1030,  
75.3270


 57.2730, 24.1030,  
75.3270

 56.0990, 24.6530,  
76.3730

 67.5620, 21.4910,  
67.5950

 78.1500, 19.4750,  
60.0750

 88.4390, 16.8630,  
52.3430

 98.7280, 14.2510,  
44.6110

 108.4300, 11.9140,  
37.4020

■ 118.7190, 9.3020,  
29.6700

■ 129.3070, 7.2860,  
22.1500

■ 139.5960, 4.6740,  
14.4180

■ 149.8850, 2.0620,  
6.6860

# Harmonies

## Analogous

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



63.3030, -83.1750, 26.1130



57.2730, 24.1030, 75.3270



62.8990, 71.6500, 67.1540

# Triad

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



57.2730, 24.1030, 75.3270



71.3330, 46.8140, -11.4100



71.7930, -65.7450, -14.4570

# Complementary

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



57.2730, 24.1030, 75.3270



103.7270, -24.1030, -75.3270

# 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.



62.8670, -43.3670, -34.5590



57.2730, 24.1030, 75.3270



64.2470, 5.2330, -34.2790

# Square

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



57.2730, 24.1030, 75.3270



54.5520, 87.0630, 24.5910



55.1780, -25.8500, -49.1620



77.7040, -83.7670, 3.7930



# Rectangle

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



57.2730, 24.1030, 75.3270



60.2040, 89.3040, 55.5760



55.1780, -25.8500, -49.1620



68.6980, -58.4080, -20.7760

# Sweetspot

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



57.2730, 24.1030, 75.3270



166.7190, 9.3020, 29.6700



39.8560, -59.7470, 31.0450



80.3020, 5.6820, 18.1780



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



57.2730, 24.1030, 75.3270



72.9330, 31.8930, 99.3570



61.7110, 57.6200, 68.1160



73.7060, 1.0080, 3.7600



50.3880, 22.0410, 68.6410



5.2980, 2.3370, 7.2090



# Inverse Universe

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



52.5910, 83.3000, 43.2360



66.6810, 109.8900, 56.9460



99.1750, -57.2990, -68.4270



73.6200, 4.1260, 2.3180



46.0630, 75.9190, 39.3350



4.8270, 7.9770, 4.1130



# Previews

## White Background



This preview shows how the YIQ color 57.2730, 24.1030, 75.3270 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

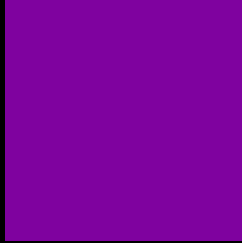
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YIQ color 57.2730, 24.1030, 75.3270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

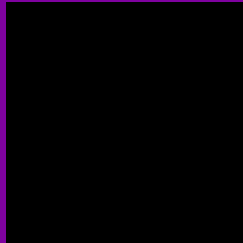
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 57.2730, 24.1030, 75.3270

## Background



This preview shows how black text looks on a background with the YIQ color 57.2730, 24.1030, 75.3270.



This preview shows how white text looks on a background with the YIQ color 57.2730, 24.1030,

75.3270.

# 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

57.2730, 24.1030, 75.3270

### Protanopia

62.1510, -71.6640, 10.2240

### Deuteranopia

62.8060, -66.6190, 1.3890



## Tritanopia

78.1180, 29.3870, 12.5790

# Trichromacy



## Original Color

57.2730, 24.1030, 75.3270

## Protanomaly

60.0560, -36.8230, 34.0970

## Deuteranomaly

60.9220, -33.7500, 27.9620

## Tritanomaly

70.4610, 27.8240, 35.4080

# Monochromacy



## Original Color

57.2730, 24.1030, 75.3270

## Achromatopsia

57.0000, 0.0000, 0.0000

## Achromatomaly

56.9530, 8.5230, 27.2670

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 57.2730, 24.1030, 75.3270 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(127, 2, 159)` looks like.

```
.text, #text, p{  
    color:rgb(127, 2, 159)  
}
```

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(127, 2, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 2, 159) }
```

## Border

The CSS property to change the border of an element to YIQ 57.2730, 24.1030, 75.3270 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(127, 2, 159) }
```



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

```
.border{ border-color:rgb(127, 2, 159) }
```

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

Here you see how a box with a 4 pixel rgb(127, 2, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 2, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 2, 159);  
box-shadow:4px 4px 4px 4px rgb(127, 2,  
159) }
```

# Background

The CSS property to change the background color of an element to YIQ 57.2730, 24.1030, 75.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 2, 159) }
```

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

```
.background{ background-color: rgb(127, 2,  
159) }
```

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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