

Converting Colors

YIQ(77.0630, 69.0330, 87.0570)

Have a look what the booklet for
YIQ(77.0630, 69.0330, 87.0570)
contains.

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Color

**YIQ(77.0630, 69.0330,
87.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	C50295
RGB	197, 2, 149
RGB Percent	77%, 1%, 58%
CMY	0.2269, 0.9924, 0.4155
CMYK	0.00, 0.99, 0.24, 0.23
HSL	315°, 98%, 39%
HSV	315°, 99%, 77%
XYZ	28.5120, 14.1023, 29.6701
YIQ	77.0630, 69.0330, 87.0570

Conversions

Conversions Part 2

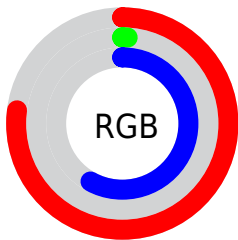
Format	Color
RYB	197, 2, 149
Decimal	12911253
CIELab	44.38, 74.45, -25.56
CIELCh	44, 78.718, 341.052
Yxy	14.1023, 0.3944, 0.1951
Android (android.graphics.Color)	4291101333 (0xFFC50295)
YUV	77.0630, 35.4649, 105.1847
Hunter-Lab	37.5531, 69.8073, -20.5570

Details

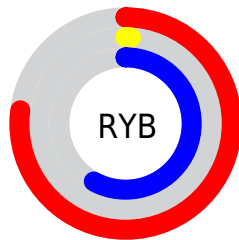
The YIQ color **77.0630, 69.0330, 87.0570** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **121.9370, -69.0330, -87.0570**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.6300, 62.3420, 70.6460**, and **52.4340, 50.7900, 59.7340** is the 20% darker color. If you saturate the color by 10%, you get **75.8890, 69.5830, 88.1030**, and if you desaturate by 10%, it is **89.3730, 61.9280, 78.1520**.

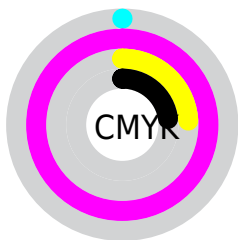
Distribution



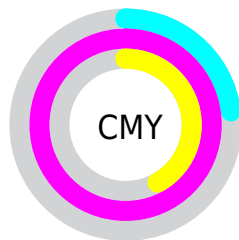
- Red (77%)
- Green (1%)
- Blue (58%)



- Red (77%)
- Yellow (1%)
- Blue (58%)



- Cyan (0%)
- Magenta (99%)
- Yellow (24%)
- Black (23%)



- Cyan (23%)
- Magenta (99%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.0630, 69.0330, 87.0570 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 77.0630, 69.0330, 87.0570 by changing the saturation by 10% instead.

■ 77.0630, 69.0330,
87.0570

■ 77.0630, 69.0330,
87.0570

■ 255.0000, -0.0000,
-0.0000

■ 63.9550, 60.0490,
73.6570

■ 151.6300, 62.3420,
70.6460

■ 52.4340, 50.7900,
59.7340

■ 172.5460, 44.7830,
63.9750

■ 41.0270, 41.2100,
46.1220

■ 192.7780, 29.1500,
55.4380

■ 30.0330, 31.9050,
33.0330

■ 209.8010, 21.1750,
40.2710

■ 19.1530, 22.2790,
20.2550

■ 227.4110, 12.9250,
24.5810

■ 5.0830, 10.1320,
3.6040

■ 245.0210, 4.6750,

■ 0.0000, 0.0000,

8.8910

0.0000

■ 77.0630, 69.0330,
87.0570

■ 77.0630, 69.0330,
87.0570

■ 75.8890, 69.5830,
88.1030

■ 89.3730, 61.9280,
78.1520

■ 101.0960, 55.0980,
69.7700

■ 113.4060, 47.9930,
60.8650

■ 125.6020, 41.2090,
51.6490

■ 137.9120, 34.1040,
42.7440

■ 149.6350, 27.2740,
34.3620

■ 161.9450, 20.1690,
25.4570

■ 174.2550, 13.0640,
16.5520

■ 185.9780, 6.2340,
8.1700

Harmonies

Analogous

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



105.4010, -6.3370, 54.2950



77.0630, 69.0330, 87.0570



73.8610, 101.1760, 71.7040

Triad

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



77.0630, 69.0330, 87.0570



96.5630, 33.5220, -34.8460



98.6710, -97.3360, -9.1120

Complementary

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



77.0630, 69.0330, 87.0570



121.9370, -69.0330, -87.0570

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.



92.0760, -77.3880, -29.2280



77.0630, 69.0330, 87.0570



72.7990, -32.6330, -63.9050

Square

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



77.0630, 69.0330, 87.0570



98.6210, 72.3060, -10.8460



82.4490, -54.4140, -49.1180



99.1220, -108.2510, 6.9890

Rectangle

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



77.0630, 69.0330, 87.0570



78.1330, 105.2610, 47.2210



82.4490, -54.4140, -49.1180



96.5050, -91.2370, -15.0210

Sweetspot

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



77.0630, 69.0330, 87.0570



208.2220, 26.9990, 33.8390



37.6850, -35.7750, 70.1850



99.6300, 16.5020, 20.3260



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



77.0630, 69.0330, 87.0570



98.1330, 90.3480, 113.7720



66.2330, 99.5280, 57.5120



93.4890, 3.1170, 4.0850



62.7590, 57.6650, 72.8090



13.8420, 12.7890, 16.0290

Inverse Universe

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



77.0630, 69.0330, 87.0570



98.1330, 90.3480, 113.7720



132.7670, -99.5280, -57.5120



93.4890, 3.1170, 4.0850



62.7590, 57.6650, 72.8090



13.8420, 12.7890, 16.0290

Previews

White Background



This preview shows how the YIQ color 77.0630, 69.0330, 87.0570 looks on a white background.

Color Contrast Check

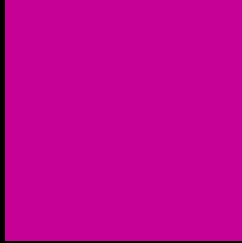
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.0630, 69.0330, 87.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

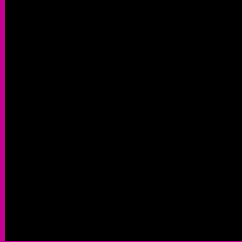
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.0630, 69.0330, 87.0570

Background



This preview shows how black text looks on a background with the YIQ color 77.0630, 69.0330, 87.0570.



This preview shows how white text looks on a background with the YIQ color 77.0630, 69.0330,

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

77.0630, 69.0330, 87.0570

Protanopia

95.9910, -73.7290, 20.1190

Deuteranopia

107.3810, -13.8940, 9.5140



Tritanopia

98.5110, 77.1130, 28.7050

Trichromacy



Original Color

77.0630, 69.0330, 87.0570



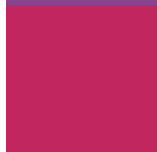
Protanomaly

88.9920, -21.6030, 44.6130



Deuteranomaly

96.5830, 15.8570, 37.5290



Tritanomaly

90.7290, 74.4040, 50.2760

Monochromacy



Original Color

77.0630, 69.0330, 87.0570



Achromatopsia

77.0000, -0.0000, -0.0000



Achromatomaly

77.2710, 25.3030, 31.5350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.0630, 69.0330, 87.0570 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(197, 2, 149)` looks like.

```
.text, #text, p{  
    color:rgb(197, 2, 149)  
}
```

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(197, 2, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 2, 149) }
```

Border

The CSS property to change the border of an element to YIQ 77.0630, 69.0330, 87.0570 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(197, 2, 149) }
```


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

```
.border{ border-color:rgb(197, 2, 149) }
```

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

Here you see how a box with a 4 pixel rgb(197, 2, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 2, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 2, 149);  
box-shadow:4px 4px 4px 4px rgb(197, 2,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 77.0630, 69.0330, 87.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 2, 149) }
```

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

```
.background{ background-color: rgb(197, 2,  
149) }
```

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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