

Converting Colors

YIQ(80.0490, 63.6210, 97.0370)

Have a look what the booklet for
YIQ(80.0490, 63.6210, 97.0370)
contains.

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Color

**YIQ(80.0490, 63.6210,
97.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	C900AF
RGB	201, 0, 175
RGB Percent	79%, 0%, 69%
CMY	0.2112, 0.9999, 0.3136
CMYK	0.00, 1.00, 0.13, 0.21
HSL	308°, 100%, 39%
HSV	308°, 100%, 79%
XYZ	31.8685, 15.5346, 41.8916
YIQ	80.0490, 63.6210, 97.0370

Conversions

Conversions Part 2

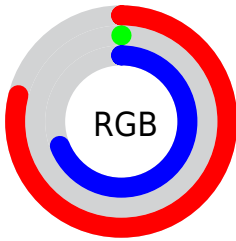
Format	Color
R_{YB}	201, 0, 175
Decimal	13172911
CIE _{Lab}	46.36, 78.57, -37.95
CIE _{LCh}	46, 87.259, 334.221
Yxy	15.5346, 0.3569, 0.1740
Android (android.graphics.Color)	4291362991 (0xFFC900AF)
YUV	80.0490, 46.8108, 106.0740
Hunter-Lab	39.4139, 75.3532, -35.4274

Details

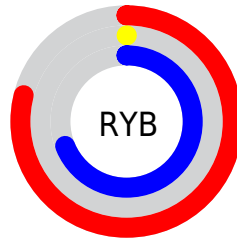
The YIQ color **80.0490, 63.6210, 97.0370** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **120.9510, -63.6210, -97.0370**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **155.9960, 52.8040, 78.3080**, and **56.3660, 45.4700, 68.0460** is the 20% darker color. If you saturate the color by 10%, you get **80.0490, 63.6210, 97.0370**, and if you desaturate by 10%, it is **92.1310, 57.1580, 87.5100**.

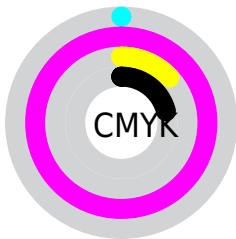
Distribution



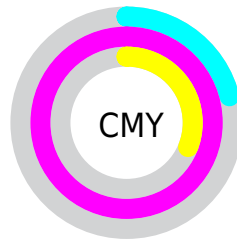
- Red (79%)
- Green (0%)
- Blue (69%)



- Red (79%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 80.0490, 63.6210, 97.0370 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 80.0490, 63.6210, 97.0370 by changing the saturation by 10% instead.


 80.0490, 63.6210,
97.0370


 80.0490, 63.6210,
97.0370


255.0000, -0.0000,
-0.0000


 68.0010, 54.4080,
82.2800


 155.9960, 52.8040,
78.3080


 56.3660, 45.4700,
68.0460


 176.3420, 36.8500,
70.0820


 44.8450, 36.2110,
54.1230

 193.9520, 28.6000,
54.3920

 33.6230, 27.5480,
40.4120

 211.5620, 20.3500,
38.7020

 22.9280, 18.8390,
27.5350

 229.1720, 12.1000,
23.0120

 10.8520, 6.8290,
13.9090

 246.7820, 3.8500,

 0.0000, 0.0000,

7.3220

0.0000

■ 80.0490, 63.6210,
97.0370

■ 92.1310, 57.1580,
87.5100

■ 104.0990, 51.0160,
77.6720

■ 116.1810, 44.5530,
68.1450

■ 128.1490, 38.4110,
58.3070

■ 140.8180, 31.6730,
48.2570

■ 152.9000, 25.2100,
38.7300

■ 164.8680, 19.0680,
28.8920

■ 176.9500, 12.6050,
19.3650

■ 189.0320, 6.1420,
9.8380

Harmonies

Analogous

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



108.4720, -31.4620, 52.5860



80.0490, 63.6210, 97.0370



80.8110, 104.6130, 81.0050

Triad

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



80.0490, 63.6210, 97.0370



102.5320, 43.9750, -31.5530



103.3670, -99.5360, -13.2960

Complementary

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



80.0490, 63.6210, 97.0370



120.9510, -63.6210, -97.0370

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.



94.5720, -76.1490, -35.1650



80.0490, 63.6210, 97.0370



86.2100, -11.6810, -58.1530

Square

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



80.0490, 63.6210, 97.0370



101.0900, 87.3430, -2.5210



83.5770, -49.3230, -58.7870



106.4740, -115.1740, 5.8020

Rectangle

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



80.0490, 63.6210, 97.0370



74.5560, 117.9120, 65.7520



83.5770, -49.3230, -58.7870



100.8590, -92.4740, -20.1380

Sweetspot

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



80.0490, 63.6210, 97.0370



209.2480, 24.1100, 36.6380



29.7910, -50.8130, 67.3870



100.3140, 14.5760, 22.1920



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.



80.0490, 63.6210, 97.0370



101.5530, 80.7180, 123.1020



68.8770, 95.0790, 66.5590



93.6030, 2.7960, 4.3960



64.9250, 51.5660, 78.7180



14.2980, 11.5050, 17.2730

Inverse Universe

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



80.0490, 63.6210, 97.0370



101.5530, 80.7180, 123.1020



132.1230, -95.0790, -66.5590



93.6030, 2.7960, 4.3960



64.9250, 51.5660, 78.7180



14.2980, 11.5050, 17.2730

Previews

White Background



This preview shows how the YIQ color 80.0490, 63.6210, 97.0370 looks on a white background.

Color Contrast Check

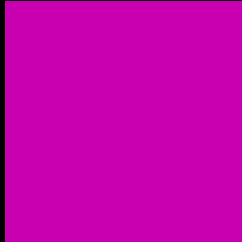
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.0490, 63.6210, 97.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

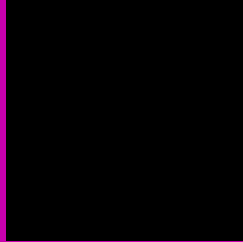
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 80.0490, 63.6210, 97.0370

Background



This preview shows how black text looks on a background with the YIQ color 80.0490, 63.6210, 97.0370.



This preview shows how white text looks on a background with the YIQ color 80.0490, 63.6210,

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

80.0490, 63.6210, 97.0370

Protanopia

89.5020, -103.2090, 14.7350

Deuteranopia

110.7630, -29.5290, 12.0310



Tritanopia

106.2330, 72.0240, 27.3200

Trichromacy



Original Color

80.0490, 63.6210, 97.0370



Protanomaly

86.1560, -42.5560, 44.3880



Deuteranomaly

99.6990, 4.0270, 42.6750



Tritanomaly

96.6730, 68.8100, 52.5380

Monochromacy



Original Color

80.0490, 63.6210, 97.0370



Achromatopsia

80.0000, 0.0000, -0.0000



Achromatomaly

80.1230, 22.9640, 35.3800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.0490, 63.6210, 97.0370 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(201, 0, 175)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 175)  
}
```

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(201, 0, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 175) }
```

Border

The CSS property to change the border of an element to YIQ 80.0490, 63.6210, 97.0370 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(201, 0, 175) }
```


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

```
.border{ border-color:rgb(201, 0, 175) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 175);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 80.0490, 63.6210, 97.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 175) }
```

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

```
.background{ background-color: rgb(201, 0,  
175) }
```

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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