

Converting Colors

YIQ(90.6350, 63.9460, 74.6180)

Have a look what the booklet for
YIQ(90.6350, 63.9460, 74.6180)
contains.

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Color

**YIQ(90.6350, 63.9460,
74.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	C61993
RGB	198, 25, 147
RGB Percent	78%, 10%, 58%
CMY	0.2230, 0.9022, 0.4234
CMYK	0.00, 0.87, 0.26, 0.22
HSL	318°, 78%, 44%
HSV	318°, 87%, 78%
XYZ	28.9372, 14.8227, 28.9564
YIQ	90.6350, 63.9460, 74.6180

Conversions

Conversions Part 2

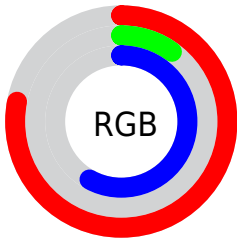
Format	Color
RYB	198, 25, 147
Decimal	12982675
CIELab	45.39, 71.75, -22.77
CIELCh	45, 75.276, 342.394
Yxy	14.8227, 0.3979, 0.2038
Android (android.graphics.Color)	4291172755 (0xFFC61993)
YUV	90.6350, 27.7879, 94.1591
Hunter-Lab	38.5003, 66.7871, -17.6423

Details

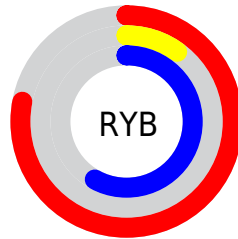
The YIQ color **90.6350, 63.9460, 74.6180** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **132.3650, -63.9460, -74.6180**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.5110, 61.0590, 66.3630**, and **52.5050, 52.0280, 59.3240** is the 20% darker color. If you saturate the color by 10%, you get **78.2110, 71.3720, 83.2120**, and if you desaturate by 10%, it is **103.0590, 56.5200, 66.0240**.

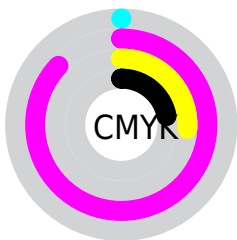
Distribution



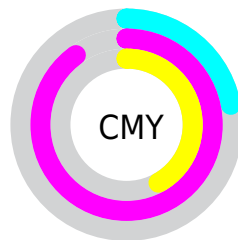
- Red (78%)
- Green (10%)
- Blue (58%)



- Red (78%)
- Yellow (10%)
- Blue (58%)



- Cyan (0%)
- Magenta (87%)
- Yellow (26%)
- Black (22%)





- Cyan (22%)
- Magenta (90%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.6350, 63.9460, 74.6180 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 90.6350, 63.9460, 74.6180 by changing the saturation by 10% instead.


 90.6350, 63.9460,
74.6180


 90.6350, 63.9460,
74.6180


255.0000, -0.0000,
-0.0000


 64.0260, 61.2870,
73.2470


 155.5110, 61.0590,
66.3630


 52.5050, 52.0280,
59.3240


 175.7260, 44.0960,
59.9040

 41.0980, 42.4480,
45.7120


 196.3000, 27.5000,
52.3000

 30.1040, 33.1430,
32.6230

 213.3230, 19.5250,
37.1330

 19.6370, 23.7920,
20.3680

 230.3460, 11.5500,
21.9660

 5.9800, 11.9200,
4.2400

 247.9560, 3.3000,

 0.0000, 0.0000,

6.2760

0.0000

■ 90.6350, 63.9460,
74.6180

■ 90.6350, 63.9460,
74.6180

■ 78.2110, 71.3720,
83.2120

■ 103.0590, 56.5200,
66.0240

■ 75.1620, 73.0680,
85.5160

■ 115.4830, 49.0940,
57.4300

■ 127.3200, 41.9430,
49.3590

■ 139.6300, 34.8380,
40.4540

■ 152.0540, 27.4120,
31.8600

■ 164.4780, 19.9860,
23.2660

■ 176.9020, 12.5600,
14.6720

■ 188.7390, 5.4090,
6.6010

■ 201.1630, -2.0170,
-1.9930

Harmonies

Analogous

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



108.6140, -2.6230, 53.0650



90.6350, 63.9460, 74.6180



73.6760, 100.2590, 71.8030

Triad

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



90.6350, 63.9460, 74.6180



98.3240, 32.6970, -36.4150



99.3720, -97.9320, -9.3240

Complementary

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



90.6350, 63.9460, 74.6180



132.3650, -63.9460, -74.6180

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.



93.8200, -79.5430, -28.7190



90.6350, 63.9460, 74.6180



77.5610, -26.0310, -62.4070

Square

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



90.6350, 63.9460, 74.6180



100.9690, 71.2060, -12.9380



84.4210, -57.2110, -47.9870



99.4810, -107.8840, 5.8440

Rectangle

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



90.6350, 63.9460, 74.6180



89.2150, 98.7980, 37.6940



84.4210, -57.2110, -47.9870



97.9070, -92.4290, -15.4450

Sweetspot

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



90.6350, 63.9460, 74.6180



213.9780, 24.5700, 28.2980



59.3730, -26.3290, 64.1910



103.1520, 14.8520, 17.1880



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.



90.6350, 63.9460, 74.6180



96.7650, 94.2000, 110.0400



80.9450, 91.2310, 48.1830



93.4890, 3.1170, 4.0850



61.8470, 60.2330, 70.3210



13.6140, 13.4310, 15.4070

Inverse Universe

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



90.6350, 63.9460, 74.6180



96.7650, 94.2000, 110.0400



142.0550, -91.2310, -48.1830



93.4890, 3.1170, 4.0850



61.8470, 60.2330, 70.3210



13.6140, 13.4310, 15.4070

Previews

White Background



This preview shows how the YIQ color 90.6350, 63.9460, 74.6180 looks on a white background.

Color Contrast Check

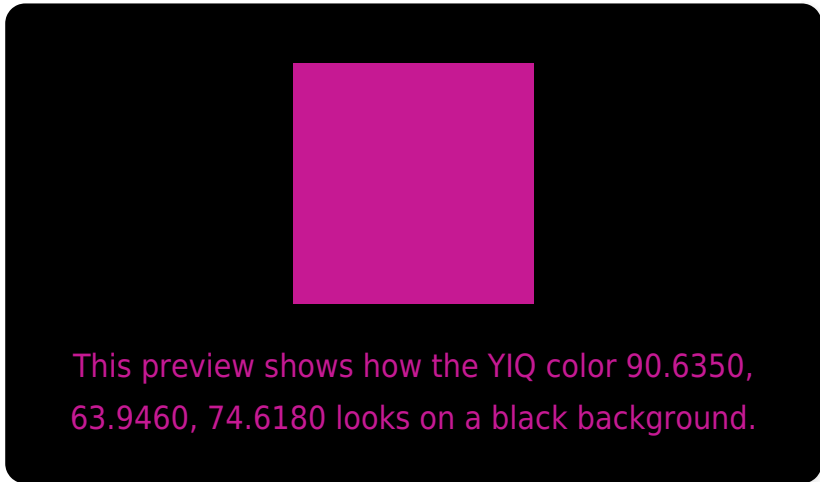
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

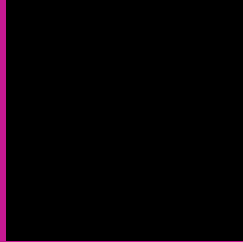
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.6350, 63.9460, 74.6180

Background



This preview shows how black text looks on a background with the YIQ color 90.6350, 63.9460, 74.6180.



This preview shows how white text looks on a background with the YIQ color 90.6350, 63.9460,

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

90.6350, 63.9460, 74.6180

Protanopia

101.4500, -61.9000, 20.5000

Deuteranopia

109.6370, -11.7390, 9.0050



Tritanopia

100.6250, 76.7920, 29.0160

Trichromacy



Original Color

90.6350, 63.9460, 74.6180



Protanomaly

97.5810, -16.1920, 40.1600



Deuteranomaly

102.5350, 15.8120, 32.8360



Tritanomaly

97.0120, 71.9290, 45.5690

Monochromacy



Original Color

90.6350, 63.9460, 74.6180



Achromatopsia

91.0000, -0.0000, -0.0000



Achromatomaly

90.8530, 23.4240, 27.0400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.6350, 63.9460, 74.6180 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(198, 25, 147)` looks like.

```
.text, #text, p{  
    color:rgb(198, 25, 147)  
}
```

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(198, 25, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 25, 147) }
```

Border

The CSS property to change the border of an element to YIQ 90.6350, 63.9460, 74.6180 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(198, 25, 147) }
```


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

```
.border{ border-color:rgb(198, 25, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 25, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 25, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 25, 147);  
box-shadow:4px 4px 4px 4px rgb(198, 25,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 90.6350, 63.9460, 74.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 25, 147) }
```

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

```
.background{ background-color: rgb(198, 25,  
147) }
```

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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