

Converting Colors

YIQ(91.6500, 59.5900, 76.4700)

Have a look what the booklet for
YIQ(91.6500, 59.5900, 76.4700)
contains.

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Color

**YIQ(91.6500, 59.5900,
76.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	C41A9C
RGB	196, 26, 156
RGB Percent	77%, 10%, 61%
CMY	0.2309, 0.8983, 0.3881
CMYK	0.00, 0.87, 0.20, 0.23
HSL	314°, 77%, 44%
HSV	314°, 87%, 77%
XYZ	29.1687, 14.8895, 32.8045
YIQ	91.6500, 59.5900, 76.4700

Conversions

Conversions Part 2

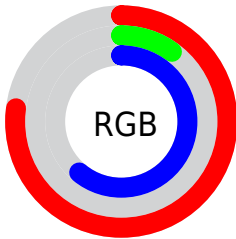
Format	Color
R_{YB}	196, 26, 156
Decimal	12851868
CIE _{Lab}	45.48, 72.25, -28.07
CIE _{LCh}	45, 77.510, 338.766
Yxy	14.8895, 0.3795, 0.1937
Android (android.graphics.Color)	4291041948 (0xFFC41A9C)
YUV	91.6500, 31.7245, 91.5149
Hunter-Lab	38.5869, 67.4049, -23.3943

Details

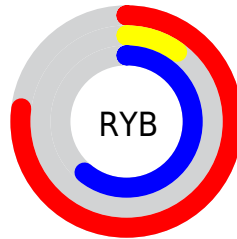
The YIQ color **91.6500, 59.5900, 76.4700** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **130.3500, -59.5900, -76.4700**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.6510, 57.8490, 69.4730**, and **52.8190, 48.2680, 61.3880** is the 20% darker color. If you saturate the color by 10%, you get **79.3400, 66.6950, 85.3750**, and if you desaturate by 10%, it is **103.9600, 52.4850, 67.5650**.

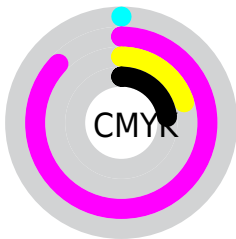
Distribution



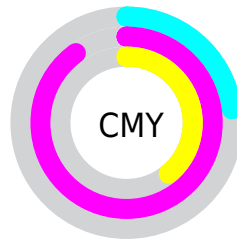
- Red (77%)
- Green (10%)
- Blue (61%)



- Red (77%)
- Yellow (10%)
- Blue (61%)



- Cyan (0%)
- Magenta (87%)
- Yellow (20%)
- Black (23%)



- Cyan (23%)
- Magenta (90%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.6500, 59.5900, 76.4700 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 91.6500, 59.5900, 76.4700 by changing the saturation by 10% instead.

91.6500, 59.5900,
76.4700

91.6500, 59.5900,
76.4700

255.0000, -0.0000,
-0.0000

64.7530, 57.8020,
75.8340

156.6510, 57.8490,
69.4730

53.1180, 48.8640,
61.6000

177.4530, 40.6110,
62.4910

41.7110, 39.2840,
47.9880

196.3000, 27.5000,
52.3000

30.7170, 29.9790,
34.8990

213.3230, 19.5250,
37.1330

20.1360, 20.9490,
22.3330

230.9330, 11.2750,
21.4430

6.5930, 8.7560,
6.5160

248.5430, 3.0250,

0.0000, 0.0000,

5.7530

0.0000

■ 91.6500, 59.5900,
76.4700

■ 91.6500, 59.5900,
76.4700

■ 79.3400, 66.6950,
85.3750

■ 103.9600, 52.4850,
67.5650

■ 75.7040, 68.6660,
88.2020

■ 115.5690, 45.9760,
58.8720

■ 127.8790, 38.8710,
49.9670

■ 139.6020, 32.0410,
41.5850

■ 151.7980, 25.2570,
32.3690

■ 164.1080, 18.1520,
23.4640

■ 175.7170, 11.6430,
14.7710

■ 188.0270, 4.5380,
5.8660

■ 199.7500, -2.2920,
-2.5160

Harmonies

Analogous

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



108.8840, -12.2510, 51.3410



91.6500, 59.5900, 76.4700



75.3710, 99.8000, 74.6160

Triad

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



91.6500, 59.5900, 76.4700



99.5420, 38.0150, -33.6730



100.0900, -97.1980, -11.6140

Complementary

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



91.6500, 59.5900, 76.4700



130.3500, -59.5900, -76.4700

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.



93.0220, -77.2960, -30.8960



91.6500, 59.5900, 76.4700



82.9430, -15.3030, -58.5910

Square

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



91.6500, 59.5900, 76.4700



100.7140, 76.4780, -9.3620



83.9820, -54.5970, -51.3090



100.7690, -108.7550, 5.1090

Rectangle

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



91.6500, 59.5900, 76.4700



83.1760, 103.7020, 47.9420



83.9820, -54.5970, -51.3090



97.9240, -91.0990, -17.5230

Sweetspot

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



91.6500, 59.5900, 76.4700



214.4340, 23.2860, 29.5420



57.3400, -30.7300, 61.3500



103.3800, 14.2100, 17.8100



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.



91.6500, 59.5900, 76.4700



98.4750, 89.3850, 114.7050



81.9600, 86.8750, 50.0350



90.9020, 3.3920, 4.6080



62.1610, 56.4730, 72.3850



12.7170, 11.6430, 14.7710

Inverse Universe

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



91.6500, 59.5900, 76.4700



98.4750, 89.3850, 114.7050



140.0400, -86.8750, -50.0350



90.9020, 3.3920, 4.6080



62.1610, 56.4730, 72.3850



12.7170, 11.6430, 14.7710

Previews

White Background



This preview shows how the YIQ color 91.6500, 59.5900, 76.4700 looks on a white background.

Color Contrast Check

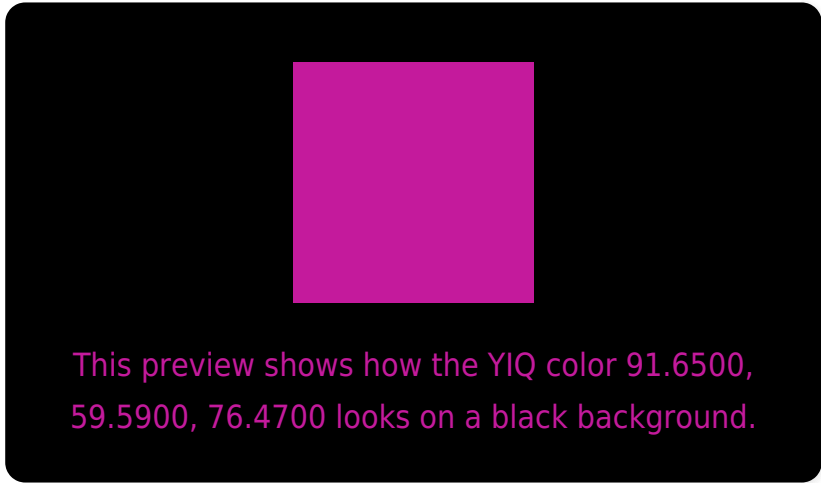
Large Text (above 18pt) WCAG AA ✓ Pass

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

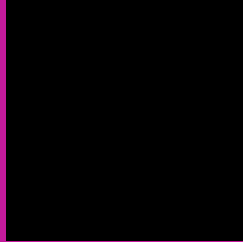
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.6500, 59.5900, 76.4700

Background



This preview shows how black text looks on a background with the YIQ color 91.6500, 59.5900, 76.4700.



This preview shows how white text looks on a background with the YIQ color 91.6500, 59.5900,

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

91.6500, 59.5900, 76.4700

Protanopia

97.0230, -76.7550, 19.8930

Deuteranopia

108.8690, -18.2040, 10.5320



Tritanopia

102.5320, 72.6200, 27.5320

Trichromacy



Original Color

91.6500, 59.5900, 76.4700



Protanomaly

94.8340, -27.1500, 40.5140



Deuteranomaly

102.9520, 10.2640, 34.2640



Tritanomaly

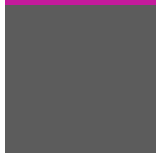
98.8590, 67.9860, 45.4420

Monochromacy



Original Color

91.6500, 59.5900, 76.4700



Achromatopsia

92.0000, 0.0000, -0.0000



Achromatomaly

91.8960, 21.8650, 27.7610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.6500, 59.5900, 76.4700 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(196, 26, 156)` looks like.

```
.text, #text, p{  
    color:rgb(196, 26, 156)  
}
```

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(196, 26, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 26, 156) }
```

Border

The CSS property to change the border of an element to YIQ 91.6500, 59.5900, 76.4700 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(196, 26, 156) }
```


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

```
.border{ border-color:rgb(196, 26, 156) }
```

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

Here you see how a box with a 4 pixel rgb(196, 26, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 26, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 26, 156);  
box-shadow:4px 4px 4px 4px rgb(196, 26,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 91.6500, 59.5900, 76.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 26, 156) }
```

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

```
.background{ background-color: rgb(196, 26,  
156) }
```

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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