

Converting Colors

YIQ(95.5990, 38.4050, 91.4690)

Have a look what the booklet for
YIQ(95.5990, 38.4050, 91.4690)
contains.

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Color

**YIQ(95.5990, 38.4050,
91.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	BD1AD1
RGB	189, 26, 209
RGB Percent	74%, 10%, 82%
CMY	0.2583, 0.8983, 0.1804
CMYK	0.10, 0.88, 0.00, 0.18
HSL	293°, 78%, 46%
HSV	293°, 88%, 82%
XYZ	32.8949, 16.1746, 61.7116
YIQ	95.5990, 38.4050, 91.4690

Conversions

Conversions Part 2

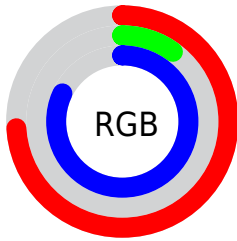
Format	Color
R_{YB}	189, 26, 209
Decimal	12393169
CIE _{Lab}	47.20, 78.62, -56.54
CIE _{LCh}	47, 96.843, 324.278
Yxy	16.1746, 0.2969, 0.1460
Android (android.graphics.Color)	4290583249 (0xFFBD1AD1)
YUV	95.5990, 55.9067, 81.9127
Hunter-Lab	40.2176, 75.6183, -62.8248

Details

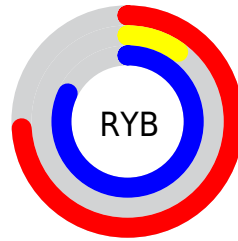
The YIQ color **95.5990, 38.4050, 91.4690** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **139.4010, -38.4050, -91.4690**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.0470, 39.5990, 80.8390**, and **56.7250, 28.6420, 75.6660** is the 20% darker color. If you saturate the color by 10%, you get **82.6740, 42.9880, 102.0280**, and if you desaturate by 10%, it is **108.5240, 33.8220, 80.9100**.

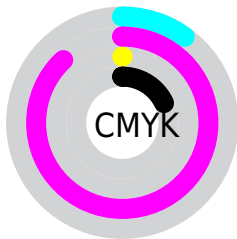
Distribution



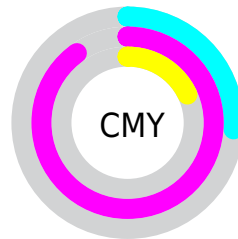
- Red (74%)
- Green (10%)
- Blue (82%)



- Red (74%)
- Yellow (10%)
- Blue (82%)



- Cyan (10%)
- Magenta (88%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (90%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.5990, 38.4050, 91.4690 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 95.5990, 38.4050, 91.4690 by changing the saturation by 10% instead.

95.5990, 38.4050,
91.4690

95.5990, 38.4050,
91.4690

255.0000, -0.0000,
-0.0000

68.4740, 37.2590,
90.2110

161.0470, 39.5990,
80.8390

56.7250, 28.6420,
75.6660

180.4510, 34.9250,
66.4210

44.9760, 20.0250,
61.1210

197.4740, 26.9500,
51.2540

33.3410, 11.0870,
46.8870

214.4970, 18.9750,
36.0870

22.4180, 3.0200,
33.3880

232.1070, 10.7250,
20.3970

8.3200, -11.9240,
17.8680

249.7170, 2.4750,

4.5940, -10.1800,

4.7070

8.2840

■ 0.0000, 0.0000,
0.0000

■ 95.5990, 38.4050,
91.4690

■ 95.5990, 38.4050,
91.4690

■ 82.6740, 42.9880,
102.0280

■ 108.5240, 33.8220,
80.9100

■ 79.4400, 43.7670,
104.4310

■ 121.7480, 29.8350,
70.5630

■ 134.6730, 25.2520,
60.0040

■ 147.5980, 20.6690,
49.4450

■ 159.9360, 16.3610,
39.4090

■ 173.1600, 12.3740,
29.0620

■ 186.0850, 7.7910,
18.5030

■ 199.0100, 3.2080,
7.9440

■ 212.2340, -0.7790,
-2.4030

Harmonies

Analogous

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



86.5960, -108.8050, 28.0510



95.5990, 38.4050, 91.4690



86.6940, 100.9890, 91.6210

Triad

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



95.5990, 38.4050, 91.4690



105.8980, 60.8000, -22.5920



104.2330, -96.4630, -19.4310

Complementary

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



95.5990, 38.4050, 91.4690



139.4010, -38.4050, -91.4690

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.



93.9560, -68.9030, -45.3430



95.5990, 38.4050, 91.4690



95.4790, 6.7950, -51.5810

Square

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



95.5990, 38.4050, 91.4690



95.6510, 108.2930, 14.2850



80.4190, -37.6750, -71.6510



110.8110, -117.7410, 2.7630

Rectangle

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



95.5990, 38.4050, 91.4690



82.4460, 121.5780, 76.4100



80.4190, -37.6750, -71.6510



101.0410, -87.4750, -28.1390

Sweetspot

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



95.5990, 38.4050, 91.4690



214.1650, 13.9780, 33.0340



59.1890, -64.5180, 45.9300



103.0250, 8.0200, 19.8600



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.



95.5990, 38.4050, 91.4690



96.9430, 53.4370, 127.4290



93.5990, 72.7950, 73.9390



97.9450, 1.8330, 5.3290



64.0020, 35.4720, 84.0480



15.4380, 8.2950, 20.3830

Inverse Universe

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



82.9970, 102.6480, 45.0160



79.4370, 142.9920, 62.7680



141.4010, -72.7950, -73.9390



97.4030, 6.2350, 2.6430



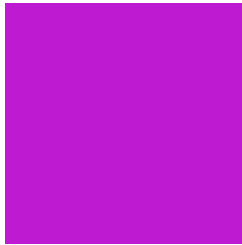
52.2840, 94.3500, 41.2140



12.7150, 23.1520, 9.9360

Previews

White Background



This preview shows how the YIQ color 95.5990, 38.4050, 91.4690 looks on a white background.

Color Contrast Check

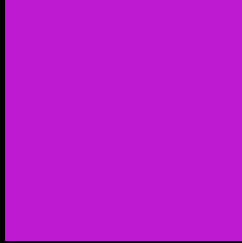
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.5990, 38.4050, 91.4690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

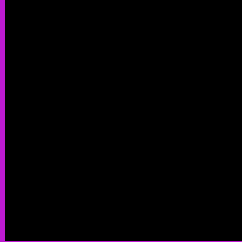
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.5990, 38.4050, 91.4690

Background



This preview shows how black text looks on a background with the YIQ color 95.5990, 38.4050, 91.4690.



This preview shows how white text looks on a background with the YIQ color 95.5990, 38.4050,

91.4690.

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

95.5990, 38.4050, 91.4690

Protanopia

90.2030, -103.8050, 14.5230

Deuteranopia

102.2330, -68.9590, 10.7610



Tritanopia

111.5940, 51.7140, 20.9460

Trichromacy



Original Color

95.5990, 38.4050, 91.4690



Protanomaly

92.3120, -51.8630, 42.3530



Deuteranomaly

99.7520, -29.8550, 39.9770



Tritanomaly

105.9630, 47.2620, 46.5740

Monochromacy



Original Color

95.5990, 38.4050, 91.4690



Achromatopsia

96.0000, -0.0000, 0.0000



Achromatomaly

96.1650, 13.9780, 33.0340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.5990, 38.4050, 91.4690 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(189, 26, 209)` looks like.

```
.text, #text, p{  
    color:rgb(189, 26, 209)  
}
```

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(189, 26, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 26, 209) }
```

Border

The CSS property to change the border of an element to YIQ 95.5990, 38.4050, 91.4690 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(189, 26, 209) }
```


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

```
.border{ border-color:rgb(189, 26, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 26, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 26, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 26, 209);  
box-shadow:4px 4px 4px 4px rgb(189, 26,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 95.5990, 38.4050, 91.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 26, 209) }
```

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

```
.background{ background-color: rgb(189, 26,  
209) }
```

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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