

Converting Colors

YIQ(74.9830, 54.8190, 91.3550)

Have a look what the booklet for
YIQ(74.9830, 54.8190, 91.3550)
contains.

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Color

**YIQ(74.9830, 54.8190,
91.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	B801AA
RGB	184, 1, 170
RGB Percent	72%, 0%, 67%
CMY	0.2779, 0.9963, 0.3332
CMYK	0.00, 0.99, 0.08, 0.28
HSL	305°, 99%, 36%
HSV	305°, 99%, 72%
XYZ	27.0680, 13.1305, 39.1490
YIQ	74.9830, 54.8190, 91.3550

Conversions

Conversions Part 2

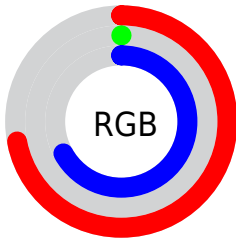
Format	Color
RYB	184, 1, 170
Decimal	12059050
CIELab	42.96, 74.82, -40.56
CIELCh	43, 85.112, 331.538
Yxy	13.1305, 0.3411, 0.1655
Android (android.graphics.Color)	4290249130 (0xFFB801AA)
YUV	74.9830, 46.8434, 95.6079
Hunter-Lab	36.2361, 69.9247, -38.6908

Details

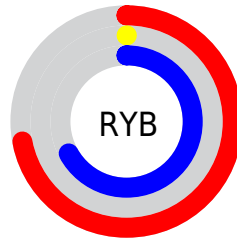
The YIQ color **74.9830, 54.8190, 91.3550** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **110.0170, -54.8190, -91.3550**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7890, 48.9530, 76.5130**, and **51.0120, 37.5390, 63.0990** is the 20% darker color. If you saturate the color by 10%, you get **74.3960, 55.0940, 91.8780**, and if you desaturate by 10%, it is **85.6630, 49.5480, 82.2520**.

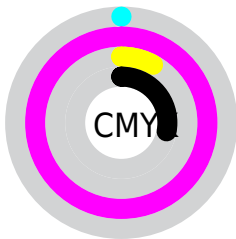
Distribution



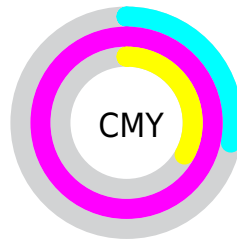
- Red (72%)
- Green (0%)
- Blue (67%)



- Red (72%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (99%)
- Yellow (8%)
- Black (28%)





- Cyan (28%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.9830, 54.8190, 91.3550 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 74.9830, 54.8190, 91.3550 by changing the saturation by 10% instead.


 74.9830, 54.8190,
91.3550


 74.9830, 54.8190,
91.3550


255.0000, -0.0000,
-0.0000


 62.6470, 46.4770,
77.3330


 149.7890, 48.9530,
76.5130


 51.0120, 37.5390,
63.0990


 173.9940, 37.9500,
72.1740


 39.7900, 28.8760,
49.3880


 191.0170, 29.9750,
57.0070

 28.9810, 20.4880,
36.2000

 208.6270, 21.7250,
41.3170

 17.9870, 11.1830,
23.1110

 225.6500, 13.7500,
26.1500

 2.5080, -7.0620,
6.8420

 243.2600, 5.5000,

 0.0000, 0.0000,

10.4600

0.0000

■ 74.9830, 54.8190,
91.3550

■ 74.9830, 54.8190,
91.3550

■ 74.3960, 55.0940,
91.8780

■ 85.6630, 49.5480,
82.2520

■ 97.0440, 43.6810,
72.9370

■ 107.7240, 38.4100,
63.8340

■ 119.1050, 32.5430,
54.5190

■ 129.7850, 27.2720,
45.4160

■ 140.5790, 21.6800,
36.6240

■ 151.8460, 16.1340,
26.9980

■ 162.5260, 10.8630,
17.8950

■ 173.9070, 4.9960,
8.5800

Harmonies

Analogous

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



98.5090, -42.0520, 46.2680



74.9830, 54.8190, 91.3550



76.3970, 96.9110, 77.4150

Triad

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



74.9830, 54.8190, 91.3550



94.8790, 44.6160, -26.6480



95.5590, -91.3290, -13.3530

Complementary

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



74.9830, 54.8190, 91.3550



110.0170, -54.8190, -91.3550

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.



86.8780, -68.2630, -34.9110



74.9830, 54.8190, 91.3550



81.5360, -6.5470, -52.0750

Square

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



74.9830, 54.8190, 91.3550



92.2410, 85.6000, 1.5360



75.9970, -41.7580, -58.2220



99.2530, -107.2420, 5.2220

Rectangle

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



74.9830, 54.8190, 91.3550



70.9680, 110.7600, 63.2080



75.9970, -41.7580, -58.2220



93.0510, -84.2670, -20.1950

Sweetspot

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



74.9830, 54.8190, 91.3550



197.0520, 21.7260, 35.7900



25.4500, -51.5910, 59.4570



94.4170, 12.7880, 21.5560



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



74.9830, 54.8190, 91.3550



96.9540, 72.0990, 119.6110



64.7230, 83.7090, 63.3650



86.6030, 2.7960, 4.3960



63.0600, 46.7520, 77.8560



11.3360, 8.3420, 14.0220

Inverse Universe

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



74.9830, 54.8190, 91.3550



96.9540, 72.0990, 119.6110



120.2770, -83.7090, -63.3650



86.6030, 2.7960, 4.3960



63.0600, 46.7520, 77.8560



11.3360, 8.3420, 14.0220

Previews

White Background



This preview shows how the YIQ color 74.9830, 54.8190, 91.3550 looks on a white background.

Color Contrast Check

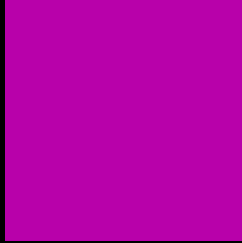
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.9830, 54.8190, 91.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

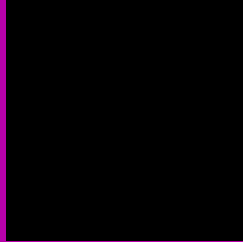
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.9830, 54.8190, 91.3550

Background



This preview shows how black text looks on a background with the YIQ color 74.9830, 54.8190, 91.3550.



This preview shows how white text looks on a background with the YIQ color 74.9830, 54.8190,

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

74.9830, 54.8190, 91.3550

Deuteranopia

101.1260, -34.9850, 11.7910

Tritanopia

99.4490, 62.4880, 23.9280

Trichromacy



Original Color

74.9830, 54.8190, 91.3550

Deuteranomaly

91.8230, -2.2540, 40.8660

Tritanomaly

90.6610, 59.9160, 48.5240

Monochromacy



Original Color

74.9830, 54.8190, 91.3550

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.1010, 20.0300, 33.4860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.9830, 54.8190, 91.3550 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(184, 1, 170)` looks like.

```
.text, #text, p{  
    color:rgb(184, 1, 170)  
}
```

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(184, 1, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 1, 170) }
```

Border

The CSS property to change the border of an element to YIQ 74.9830, 54.8190, 91.3550 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(184, 1, 170) }
```

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

```
.border{ border-color:rgb(184, 1, 170) }
```

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

Here you see how a box with a 4 pixel rgb(184, 1, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 1, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 1, 170);  
box-shadow:4px 4px 4px 4px rgb(184, 1,  
170) }
```


Background

The CSS property to change the background color of an element to YIQ 74.9830, 54.8190, 91.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 1, 170) }
```

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

```
.background{ background-color: rgb(184, 1,  
170) }
```

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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