

Converting Colors

YIQ(74.5860, 4.8890, 93.1530)

Have a look what the booklet for
YIQ(74.5860, 4.8890, 93.1530)
contains.

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Color

**YIQ(74.5860, 4.8890,
93.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	890DE4
RGB	137, 13, 228
RGB Percent	54%, 5%, 89%
CMY	0.4623, 0.9492, 0.1060
CMYK	0.40, 0.94, 0.00, 0.11
HSL	275°, 89%, 47%
HSV	275°, 94%, 89%
XYZ	24.4761, 11.2135, 74.2459
YIQ	74.5860, 4.8890, 93.1530

Conversions

Conversions Part 2

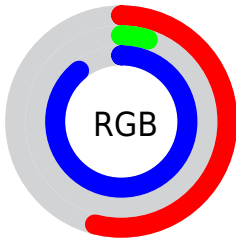
Format	Color
R_{YB}	137, 13, 228
Decimal	8981988
CIE _{Lab}	39.94, 76.99, -79.59
CIE _{LCh}	40, 110.738, 314.050
Yxy	11.2135, 0.2226, 0.1020
Android (android.graphics.Color)	4287172068 (0xFF890DE4)
YUV	74.5860, 75.6331, 54.7371
Hunter-Lab	33.4866, 71.8684, -108.0163

Details

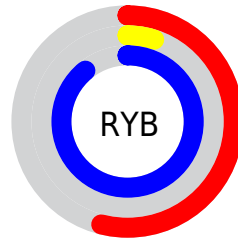
The YIQ color **74.5860, 4.8890, 93.1530** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **166.4140, -4.8890, -93.1530**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **138.7540, 12.5030, 76.3030**, and **41.6200, -10.7870, 68.8690** is the 20% darker color. If you saturate the color by 10%, you get **65.4600, 5.4840, 98.8920**, and if you desaturate by 10%, it is **91.0770, 4.5240, 83.2440**.

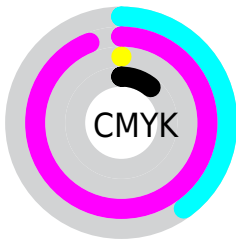
Distribution



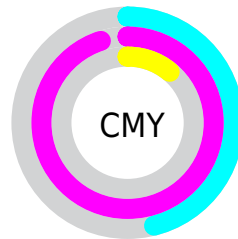
- Red (54%)
- Green (5%)
- Blue (89%)



- Red (54%)
- Yellow (5%)
- Blue (89%)



- Cyan (40%)
- Magenta (94%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (95%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.5860, 4.8890, 93.1530 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 74.5860, 4.8890, 93.1530 by changing the saturation by 10% instead.


 74.5860, 4.8890,
93.1530


 74.5860, 4.8890,
93.1530


255.0000, -0.0000,
-0.0000


 54.3800, -0.7030,
84.3610


 138.7540, 12.5030,
76.3030


 41.6200, -10.7870,
68.8690


 164.4590, 23.2790,
68.2310


 27.4790, -24.1720,
52.6280


 189.2560, 30.8000,
58.5760

 13.3380, -37.5570,
36.3870

 206.2790, 22.8250,
43.4090

 10.3740, -29.2110,
28.3010

 223.3020, 14.8500,
28.2420

 11.6330, -23.1110,
16.8650

 240.3250, 6.8750,

 6.6630, -14.6280,

13.0750

11.8040

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 74.5860, 4.8890,
93.1530

■ 74.5860, 4.8890,
93.1530

■ 65.4600, 5.4840,
98.8920

■ 91.0770, 4.5240,
83.2440

■ 107.2690, 3.5630,
73.1230

■ 123.1730, 3.4730,
63.7370

■ 139.6640, 3.1080,
53.8280

■ 155.8560, 2.1470,
43.7070

■ 172.3470, 1.7820,
33.7980

■ 188.8380, 1.4170,
23.8890

■ 204.4430, 0.7310,
14.2910

■ 220.9340, 0.3660,
4.3820

Harmonies

Analogous

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



85.4220, -108.2550, 29.0970



74.5860, 4.8890, 93.1530



82.7230, 84.8500, 92.2580

Triad

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



74.5860, 4.8890, 93.1530



87.7230, 72.2590, -4.4850



88.8790, -78.0310, -23.0790

Complementary

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



74.5860, 4.8890, 93.1530



166.4140, -4.8890, -93.1530

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.



75.9460, -45.7480, -51.9880



74.5860, 4.8890, 93.1530



83.4730, 16.1000, -38.4920

Square

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



74.5860, 4.8890, 93.1530



62.4910, 124.5640, 44.3080



68.6790, -32.1750, -61.1910



99.2700, -105.9120, 3.1440

Rectangle

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



74.5860, 4.8890, 93.1530



81.0800, 113.9210, 77.5130



68.6790, -32.1750, -61.1910



84.7580, -67.8050, -32.1970

Sweetspot

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



74.5860, 4.8890, 93.1530



204.3530, 1.6450, 30.7730



92.1010, -94.5900, 18.2260



96.4910, 0.7760, 18.9840



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.



74.5860, 4.8890, 93.1530



73.0230, 5.7570, 110.4690



100.1990, 63.6190, 108.0910



106.4610, 0.3200, 5.2160



51.2030, 3.9290, 77.5050



14.4850, 0.9130, 22.0090

Inverse Universe

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



87.6590, 98.9290, 73.8810



88.5570, 117.3120, 87.6480



140.8010, -63.6190, -108.0910



107.1580, 5.5470, 4.0990



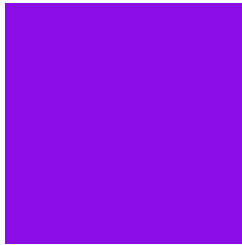
62.0710, 82.6090, 61.2730



17.7570, 23.3340, 17.6540

Previews

White Background



This preview shows how the YIQ color 74.5860, 4.8890, 93.1530 looks on a white background.

Color Contrast Check

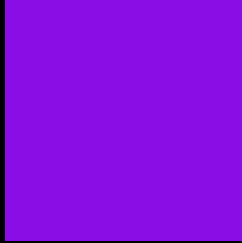
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.5860, 4.8890, 93.1530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

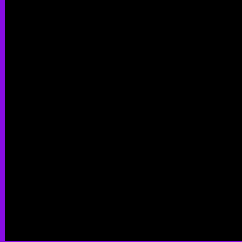
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.5860, 4.8890, 93.1530

Background



This preview shows how black text looks on a background with the YIQ color 74.5860, 4.8890, 93.1530.



This preview shows how white text looks on a background with the YIQ color 74.5860, 4.8890,

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

74.5860, 4.8890, 93.1530

Protanopia

76.0060, -87.2530, 11.9070

Tritanopia

95.7780, 9.6730, 6.4170

Trichromacy



Original Color

74.5860, 4.8890, 93.1530

Protanomaly

75.4150, -53.6510, 41.7170

Tritanomaly

87.8040, 7.9250, 38.1090

Monochromacy



Original Color

74.5860, 4.8890, 93.1530

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.7600, 2.0570, 34.3210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.5860, 4.8890, 93.1530 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(137, 13, 228)` looks like.

```
.text, #text, p{  
    color:rgb(137, 13, 228)  
}
```

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(137, 13, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 13, 228) }
```

Border

The CSS property to change the border of an element to YIQ 74.5860, 4.8890, 93.1530 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(137, 13, 228) }
```

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

```
.border{ border-color:rgb(137, 13, 228) }
```

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

Here you see how a box with a 4 pixel rgb(137, 13, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 13, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 13, 228);  
box-shadow:4px 4px 4px 4px rgb(137, 13,  
228) }
```


Background

The CSS property to change the background color of an element to YIQ 74.5860, 4.8890, 93.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 13, 228) }
```

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

```
.background{ background-color: rgb(137, 13,  
228) }
```

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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