

Converting Colors

YIQ(73.6910, 17.9550, 98.6510)

Have a look what the booklet for
YIQ(73.6910, 17.9550, 98.6510)
contains.

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Color

**YIQ(73.6910, 17.9550,
98.6510)**

Conversions

Conversions Part 1

Format	Color
Hex	9805DE
RGB	152, 5, 222
RGB Percent	60%, 2%, 87%
CMY	0.4034, 0.9806, 0.1295
CMYK	0.31, 0.98, 0.00, 0.13
HSL	281°, 96%, 44%
HSV	281°, 98%, 87%
XYZ	26.2072, 12.0672, 70.0378
YIQ	73.6910, 17.9550, 98.6510

Conversions

Conversions Part 2

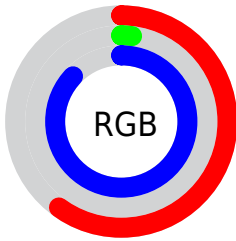
Format	Color
R_{YB}	152, 5, 222
Decimal	9962974
CIE _{Lab}	41.32, 78.35, -73.81
CIE _{LCh}	41, 107.646, 316.709
Yxy	12.0672, 0.2420, 0.1114
Android (android.graphics.Color)	4288153054 (0xFF9805DE)
YUV	73.6910, 73.1163, 68.6770
Hunter-Lab	34.7378, 73.8742, -95.2231

Details

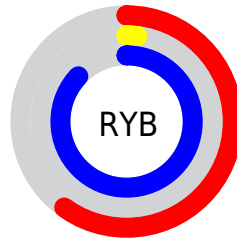
The YIQ color **73.6910, 17.9550, 98.6510** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **153.3090, -17.9550, -98.6510**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.3530, 21.1220, 79.7940**, and **46.3180, 1.8670, 70.8190** is the 20% darker color. If you saturate the color by 10%, you get **70.4570, 18.7340, 101.0540**, and if you desaturate by 10%, it is **88.6980, 16.0770, 88.6290**.

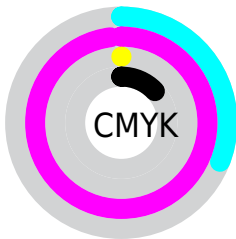
Distribution



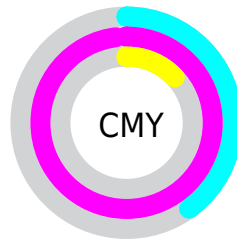
- Red (60%)
- Green (2%)
- Blue (87%)



- Red (60%)
- Yellow (2%)
- Blue (87%)



- Cyan (31%)
- Magenta (98%)
- Yellow (0%)
- Black (13%)



- Cyan (40%)
- Magenta (98%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.6910, 17.9550, 98.6510 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 73.6910, 17.9550, 98.6510 by changing the saturation by 10% instead.

73.6910, 17.9550,
98.6510

73.6910, 17.9550,
98.6510

255.0000, -0.0000,
-0.0000

58.4800, 10.7590,
85.8870

142.3530, 21.1220,
79.7940

46.3180, 1.8670,
70.8190

169.2320, 31.3480,
70.6760

33.6720, -8.5380,
55.6380

189.8430, 30.5250,
58.0530

20.5420, -20.4560,
40.3440

206.8660, 22.5500,
42.8860

9.8040, -27.6060,
26.7460

223.8890, 14.5750,
27.7190

10.5900, -21.5520,
16.1440

241.4990, 6.3250,

6.2070, -13.3440,

12.0290

10.5600

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 73.6910, 17.9550,
98.6510

■ 73.6910, 17.9550,
98.6510

■ 70.4570, 18.7340,
101.0540

■ 88.6980, 16.0770,
88.6290

■ 103.7050, 14.1990,
78.6070

■ 119.5980, 12.6420,
68.2740

■ 134.6050, 10.7640,
58.2520

■ 149.6120, 8.8860,
48.2300

■ 164.6190, 7.0080,
38.2080

■ 179.6260, 5.1300,
28.1860

■ 195.2200, 2.9770,
17.6410

■ 210.2270, 1.0990,
7.6190

Harmonies

Analogous

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



84.8350, -107.9800, 29.6200



73.6910, 17.9550, 98.6510



83.6480, 89.4350, 91.7630

Triad

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



73.6910, 17.9550, 98.6510



91.5220, 68.2710, -9.3050



91.8940, -82.3870, -21.2270

Complementary

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



73.6910, 17.9550, 98.6510



153.3090, -17.9550, -98.6510

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.



80.0040, -51.6630, -49.4150



73.6910, 17.9550, 98.6510



85.2120, 12.3410, -41.9550

Square

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



73.6910, 17.9550, 98.6510



62.1920, 123.9680, 44.0960



71.0270, -33.2750, -63.2830



101.7150, -108.6630, 3.4410

Rectangle

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



73.6910, 17.9550, 98.6510



80.9230, 115.8010, 76.4810



71.0270, -33.2750, -63.2830



87.7730, -72.1610, -30.3450

Sweetspot

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



73.6910, 17.9550, 98.6510



204.3860, 6.0460, 33.6140



72.0020, -89.4570, 29.8310



97.1000, 3.4350, 20.3550



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.



73.6910, 17.9550, 98.6510



80.7970, 21.2530, 115.9810



90.5170, 71.2310, 102.2950



104.6460, 1.2370, 5.1170



55.6450, 14.4280, 79.9640



15.3390, 4.2600, 21.9240

Inverse Universe

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



77.8630, 106.8620, 67.7740



85.5930, 125.6580, 79.5620



136.4830, -71.2310, -102.2950



104.7450, 5.2720, 3.5760



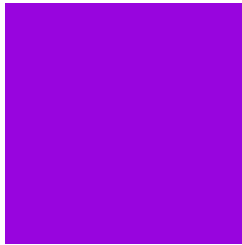
59.1220, 86.5990, 55.0390



16.1760, 23.4720, 15.1520

Previews

White Background



This preview shows how the YIQ color 73.6910, 17.9550, 98.6510 looks on a white background.

Color Contrast Check

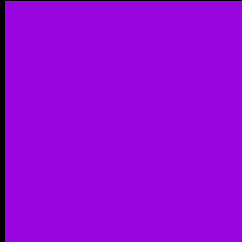
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.6910, 17.9550, 98.6510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

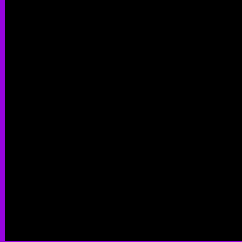
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.6910, 17.9550, 98.6510

Background



This preview shows how black text looks on a background with the YIQ color 73.6910, 17.9550, 98.6510.



This preview shows how white text looks on a background with the YIQ color 73.6910, 17.9550,

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

73.6910, 17.9550, 98.6510

Protanopia

79.2660, -90.9210, 12.3030

Deuteranopia

79.1230, -83.6290, 1.2910



Tritanopia

100.5410, 23.7020, 10.9820

Trichromacy



Original Color

73.6910, 17.9550, 98.6510

Protanomaly

77.2520, -51.6340, 43.7100

Deuteranomaly

76.9610, -46.6810, 36.5430

Tritanomaly

90.6810, 21.6330, 42.9850

Monochromacy



Original Color

73.6910, 17.9550, 98.6510

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.8530, 6.2290, 35.8050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.6910, 17.9550, 98.6510 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(152, 5, 222)` looks like.

```
.text, #text, p{  
    color:rgb(152, 5, 222)  
}
```

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(152, 5, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 5, 222) }
```

Border

The CSS property to change the border of an element to YIQ 73.6910, 17.9550, 98.6510 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(152, 5, 222) }
```


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

```
.border{ border-color:rgb(152, 5, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 5, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 5, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 5, 222);  
box-shadow:4px 4px 4px 4px rgb(152, 5,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 73.6910, 17.9550, 98.6510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 5, 222) }
```

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

```
.background{ background-color: rgb(152, 5,  
222) }
```

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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