

Converting Colors

YIQ(103.7540, -4.6920, 85.0680)

Have a look what the booklet for
YIQ(103.7540, -4.6920, 85.0680)
contains.

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Color

**YIQ(103.7540, -4.6920,
85.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	9832FE
RGB	152, 50, 254
RGB Percent	60%, 20%, 100%
CMY	0.4035, 0.8041, 0.0041
CMYK	0.40, 0.80, 0.00, 0.00
HSL	270°, 99%, 60%
HSV	270°, 80%, 100%
XYZ	31.9875, 16.1150, 95.1527
YIQ	103.7540, -4.6920, 85.0680

Conversions

Conversions Part 2

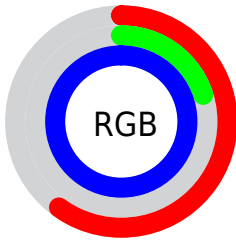
Format	Color
R _{YB}	152, 50, 254
Decimal	9974526
CIE _{Lab}	47.12, 75.70, -82.38
CIE _{LCh}	47, 111.877, 312.581
Yxy	16.1150, 0.2233, 0.1125
Android (android.graphics.Color)	4288164606 (0xFF9832FE)
YUV	103.7540, 74.0713, 42.3117
Hunter-Lab	40.1434, 71.9832, -112.4357

Details

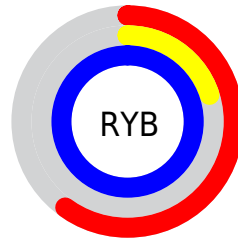
The YIQ color **103.7540, -4.6920, 85.0680** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **200.2460, 4.6920, -85.0680**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7400, 15.1180, 67.4540**, and **48.9550, -9.8720, 79.8240** is the 20% darker color. If you saturate the color by 10%, you get **85.1920, -5.5650, 95.3870**, and if you desaturate by 10%, it is **122.3160, -3.8190, 74.7490**.

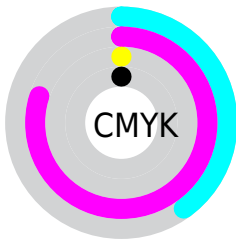
Distribution



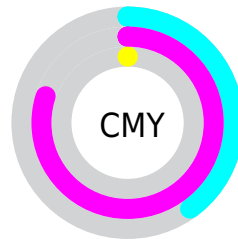
- Red (60%)
- Green (20%)
- Blue (100%)



- Red (60%)
- Yellow (20%)
- Blue (100%)



- Cyan (40%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.7540, -4.6920, 85.0680 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 103.7540, -4.6920, 85.0680 by changing the saturation by 10% instead.


 103.7540, -4.6920,
85.0680


 103.7540, -4.6920,
85.0680


255.0000, -0.0000,
-0.0000


 64.7640, -1.4840,
93.0120


 156.7400, 15.1180,
67.4540


 48.9550, -9.8720,
79.8240


 182.4450, 25.8940,
59.3820

 35.2980, -21.7440,
63.6960


 202.7570, 24.4750,
46.5470

 15.9600, -44.9400,
43.5400

 219.7800, 16.5000,
31.3800

 12.9960, -36.5940,
35.4540

 236.8030, 8.5250,
16.2130

 10.0320, -28.2480,
27.3680

254.4130, 0.2750,

 11.2910, -22.1480,

0.5230

15.9320

■ 6.4350, -13.9860,
11.1820

■ 2.6390, -6.0530,
5.0750

■ 103.7540, -4.6920,
85.0680

■ 103.7540, -4.6920,
85.0680

■ 85.1920, -5.5650,
95.3870

■ 122.3160, -3.8190,
74.7490

■ 66.9290, -5.8420,
105.9180

■ 141.1660, -3.8170,
63.6950

■ 159.7280, -2.9440,
53.3760

■ 178.8770, -2.3460,
42.5340

■ 197.1400, -2.0690,
32.0030

■ 215.7020, -1.1960,
21.6840

■ 234.8510, -0.5980,
10.8420

■ 253.4130, 0.2750,
0.5230

■ 254.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



95.9880, -113.2050, 19.6830



103.7540, -4.6920, 85.0680



92.1510, 89.9370, 104.6970

Triad

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



103.7540, -4.6920, 85.0680



104.3020, 83.6300, -6.8180



102.3290, -88.3460, -28.8740

Complementary

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



103.7540, -4.6920, 85.0680



200.2460, 4.6920, -85.0680

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.



88.9400, -54.7790, -59.0270



103.7540, -4.6920, 85.0680



100.9270, 26.3250, -42.0830

Square

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



103.7540, -4.6920, 85.0680



70.8630, 141.2520, 50.2440



79.8320, -37.4000, -71.1280



113.0620, -117.1900, -1.7180

Rectangle

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



103.7540, -4.6920, 85.0680



88.6710, 116.9910, 87.9590



79.8320, -37.4000, -71.1280



97.9800, -77.4780, -38.6140

Sweetspot

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



103.7540, -4.6920, 85.0680



209.9240, -1.7010, 25.3310



133.1300, -93.5340, 10.0980



100.6000, -1.1490, 15.3230



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.



103.7540, -4.6920, 85.0680



74.7070, -5.3370, 102.2710



134.2520, 56.1000, 106.6920



118.2760, -0.5970, 5.3150



50.4780, -4.0950, 79.7530



16.8640, -1.4720, 26.6880

Inverse Universe

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



122.6240, 88.8420, 74.9700



97.1630, 106.8580, 89.8820



169.7480, -56.1000, -106.6920



119.5710, 5.8220, 4.6220



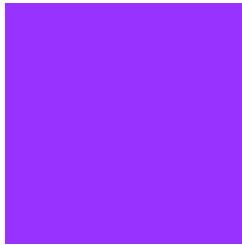
67.9390, 83.3410, 70.0370



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 103.7540, -4.6920, 85.0680 looks on a white background.

Color Contrast Check

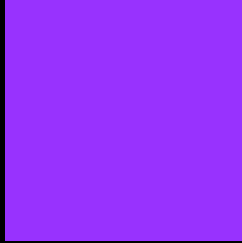
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.7540, -4.6920, 85.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

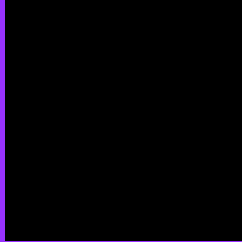
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.7540, -4.6920, 85.0680

Background



This preview shows how black text looks on a background with the YIQ color 103.7540, -4.6920, 85.0680.



This preview shows how white text looks on a background with the YIQ color 103.7540, -4.6920,

85.0680.

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

103.7540, -4.6920, 85.0680

Protanopia

89.2740, -102.5670, 14.1130

Deuteranopia

89.8490, -94.5410, 0.8110



Tritanopia

112.5110, 6.0510, 5.9790

Trichromacy



Original Color

103.7540, -4.6920, 85.0680



Protanomaly

94.5320, -67.2220, 39.8660



Deuteranomaly

94.6000, -61.9020, 31.5540



Tritanomaly

109.1730, 2.3320, 34.8440

Monochromacy



Original Color

103.7540, -4.6920, 85.0680



Achromatopsia

104.0000, -0.0000, -0.0000



Achromatomaly

103.6130, -2.0230, 31.1690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.7540, -4.6920, 85.0680 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, 50, 254)` looks like.

```
.text, #text, p{  
    color:rgb(152, 50, 254)  
}
```

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, 50, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 50, 254) }
```

Border

The CSS property to change the border of an element to YIQ 103.7540, -4.6920, 85.0680 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, 50, 254) }
```


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

```
.border{ border-color:rgb(152, 50, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 50, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 50, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 50, 254);  
box-shadow:4px 4px 4px 4px rgb(152, 50,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 103.7540, -4.6920, 85.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 50, 254) }
```

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

```
.background{ background-color: rgb(152, 50,  
254) }
```

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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