

Converting Colors

YIQ(104.0530, -4.0960, 85.2800)

Have a look what the booklet for
YIQ(104.0530, -4.0960, 85.2800)
contains.

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Color

**YIQ(104.0530, -4.0960,
85.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	9932FE
RGB	153, 50, 254
RGB Percent	60%, 20%, 100%
CMY	0.3996, 0.8041, 0.0041
CMYK	0.40, 0.80, 0.00, 0.00
HSL	270°, 99%, 60%
HSV	270°, 80%, 100%
XYZ	32.1758, 16.2120, 95.1620
YIQ	104.0530, -4.0960, 85.2800

Conversions

Conversions Part 2

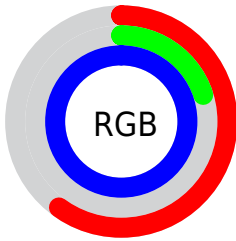
Format	Color
R _Y B	153, 50, 254
Decimal	10040062
CIE Lab	47.25, 75.84, -82.16
CIE LCh	47, 111.813, 312.706
Yxy	16.2120, 0.2241, 0.1129
Android (android.graphics.Color)	4288230142 (0xFF9932FE)
YUV	104.0530, 73.9239, 42.9265
Hunter-Lab	40.2641, 72.1805, -111.9437

Details

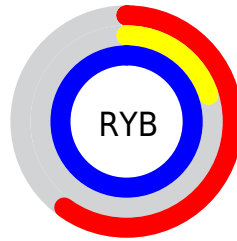
The YIQ color **104.0530, -4.0960, 85.2800** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **199.9470, 4.0960, -85.2800**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0390, 15.7140, 67.6660**, and **49.2540, -9.2760, 80.0360** is the 20% darker color. If you saturate the color by 10%, you get **85.7900, -4.3730, 95.8110**, and if you desaturate by 10%, it is **122.6150, -3.2230, 74.9610**.

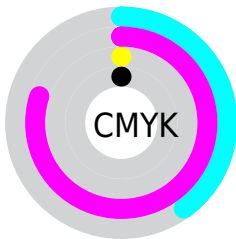
Distribution



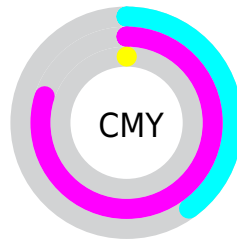
- Red (60%)
- Green (20%)
- Blue (100%)



- 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 104.0530, -4.0960, 85.2800 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 104.0530, -4.0960, 85.2800 by changing the saturation by 10% instead.

104.0530, -4.0960,
85.2800

104.0530, -4.0960,
85.2800

255.0000, -0.0000,
-0.0000

65.0630, -0.8880,
93.2240

157.0390, 15.7140,
67.6660

49.5530, -8.6800,
80.2480

182.7440, 26.4900,
59.5940

35.8960, -20.5520,
64.1200

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

■ 104.0530, -4.0960,
85.2800

■ 104.0530, -4.0960,
85.2800

■ 85.7900, -4.3730,
95.8110

■ 122.6150, -3.2230,
74.9610

■ 67.2280, -5.2460,
106.1300

■ 141.4650, -3.2210,
63.9070

■ 160.0270, -2.3480,
53.5880

■ 178.8770, -2.3460,
42.5340

■ 197.4390, -1.4730,
32.2150

■ 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



104.0530, -4.0960, 85.2800



92.3360, 90.8540, 104.5980

Triad

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



104.0530, -4.0960, 85.2800



104.3020, 83.6300, -6.8180



103.0300, -88.9420, -29.0860

Complementary

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



104.0530, -4.0960, 85.2800



199.9470, 4.0960, -85.2800

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.



89.6410, -55.3750, -59.2390



104.0530, -4.0960, 85.2800



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.



104.0530, -4.0960, 85.2800



70.8630, 141.2520, 50.2440



79.8320, -37.4000, -71.1280



113.1760, -117.5110, -1.4070

Rectangle

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



104.0530, -4.0960, 85.2800



88.6710, 116.9910, 87.9590



79.8320, -37.4000, -71.1280



98.6810, -78.0740, -38.8260

Sweetspot

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



104.0530, -4.0960, 85.2800



210.2230, -1.1050, 25.5430



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.



104.0530, -4.0960, 85.2800



75.0060, -4.7410, 102.4830



134.2520, 56.1000, 106.6920



118.2760, -0.5970, 5.3150



50.7770, -3.4990, 79.9650



16.8640, -1.4720, 26.6880

Inverse Universe

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



122.5100, 89.1630, 74.6590



97.0490, 107.1790, 89.5710



169.7480, -56.1000, -106.6920



119.5710, 5.8220, 4.6220



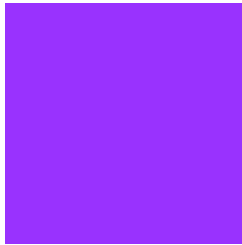
67.9390, 83.3410, 70.0370



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 104.0530, -4.0960, 85.2800 looks on a white background.

Color Contrast Check

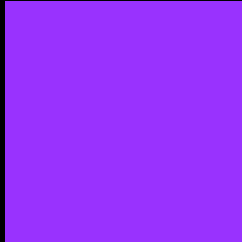
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.0530, -4.0960, 85.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

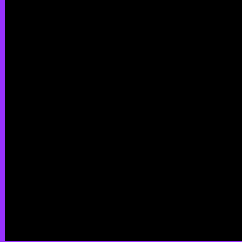
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.0530, -4.0960, 85.2800

Background



This preview shows how black text looks on a background with the YIQ color 104.0530, -4.0960, 85.2800.



This preview shows how white text looks on a background with the YIQ color 104.0530, -4.0960,

85.2800.

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

104.0530, -4.0960, 85.2800

Protanopia

89.3880, -102.8880, 14.4240

Deuteranopia

89.9630, -94.8620, 1.1220



Tritanopia

113.1090, 7.2430, 6.4030

Trichromacy



Original Color

104.0530, -4.0960, 85.2800



Protanomaly

94.8310, -66.6260, 40.0780



Deuteranomaly

95.0130, -61.6270, 32.0770



Tritanomaly

109.7710, 3.5240, 35.2680

Monochromacy



Original Color

104.0530, -4.0960, 85.2800



Achromatopsia

104.0000, -0.0000, -0.0000



Achromatomaly

103.9120, -1.4270, 31.3810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.0530, -4.0960, 85.2800 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(153, 50, 254)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 50, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 50, 254) }
```

Border

The CSS property to change the border of an element to YIQ 104.0530, -4.0960, 85.2800 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(153, 50, 254) }
```


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

```
.border{ border-color:rgb(153, 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(153, 50, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 50, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 50, 254);  
box-shadow:4px 4px 4px 4px rgb(153, 50,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 104.0530, -4.0960, 85.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 50, 254) }
```

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

```
.background{ background-color: rgb(153, 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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