

Converting Colors

YIQ(100.7040, 13.6580, 27.8180)

Have a look what the booklet for
YIQ(100.7040, 13.6580, 27.8180)
contains.

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Color

**YIQ(100.7040, 13.6580,
27.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	834F85
RGB	131, 79, 133
RGB Percent	51%, 31%, 52%
CMY	0.4861, 0.6903, 0.4784
CMYK	0.01, 0.41, 0.00, 0.48
HSL	298°, 25%, 42%
HSV	298°, 41%, 52%
XYZ	16.3946, 12.1109, 23.6650
YIQ	100.7040, 13.6580, 27.8180

Conversions

Conversions Part 2

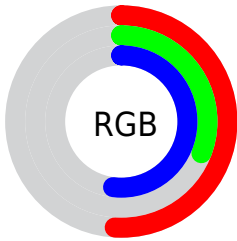
Format	Color
R_{YB}	131, 79, 133
Decimal	8605573
CIE _{Lab}	41.39, 30.95, -21.30
CIE _{LCh}	41, 37.569, 325.468
Yxy	12.1109, 0.3143, 0.2321
Android (android.graphics.Color)	4286795653 (0xFF834F85)
YUV	100.7040, 15.9219, 26.5696
Hunter-Lab	34.8007, 23.1900, -15.9576

Details

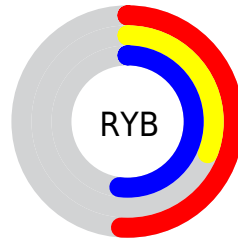
The YIQ color **100.7040, 13.6580, 27.8180** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **111.2960, -13.6580, -27.8180**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2420, 15.0790, 29.5990**, and **52.1660, 12.2370, 26.0370** is the 20% darker color. If you saturate the color by 10%, you get **93.0730, 17.2330, 34.6170**, and if you desaturate by 10%, it is **108.6340, 10.6790, 21.2310**.

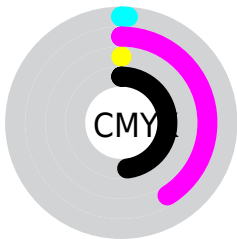
Distribution



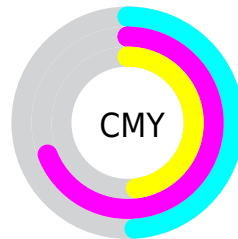
- Red (51%)
- Green (31%)
- Blue (52%)



- Red (51%)
- Yellow (31%)
- Blue (52%)



- Cyan (1%)
- Magenta (41%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (69%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.7040, 13.6580, 27.8180 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 100.7040, 13.6580, 27.8180 by changing the saturation by 10% instead.

100.7040, 13.6580,
27.8180

100.7040, 13.6580,
27.8180

255.0000, -0.0000,
-0.0000

75.9920, 12.7870,
27.0830

152.2420, 15.0790,
29.5990

52.1660, 12.2370,
26.0370

179.6550, 15.3540,
30.1220

27.6930, 12.1910,
26.8710

207.4810, 15.9040,
31.1680

15.0960, 9.2580,
19.4500

229.1720, 12.1000,
23.0120

2.2970, -5.0900,
4.1420

245.6080, 4.4000,
8.3680

0.0000, 0.0000,
0.0000

100.7040, 13.6580,
27.8180

100.7040, 13.6580,
27.8180

93.0730, 17.2330,
34.6170

108.6340, 10.6790,
21.2310

84.5560, 20.4870,
41.7270

116.8520, 6.8290,
13.9090

76.9250, 24.0620,
48.5260

124.4830, 3.2540,
7.1100

68.9950, 27.0410,
55.1130

132.4130, 0.2750,
0.5230

60.7770, 30.8910,
62.4350

140.0440, -3.3000,
-6.2760


53.4340, 33.5950,
68.4990

148.5610, -6.5540,
-13.3860

156.1920,
-10.1290, -20.1850

164.1220,

-13.1080, -26.7720

 172.3400,
-16.9580, -34.0940

Harmonies

Analogous

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



98.0680, -19.9020, 19.2820



100.7040, 13.6580, 27.8180



98.6820, 37.0870, 27.2230

Triad

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



100.7040, 13.6580, 27.8180



94.5210, 34.4810, -13.6710



80.3530, -70.5580, -20.8460

Complementary

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



100.7040, 13.6580, 27.8180



111.2960, -13.6580, -27.8180

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.



76.8190, -60.6070, -30.4870



100.7040, 13.6580, 27.8180



92.1050, 11.9250, -23.3950

Square

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



100.7040, 13.6580, 27.8180



96.5370, 46.7200, 1.3120



86.4740, -20.0310, -27.9590



81.4420, -77.7580, -11.5020

Rectangle

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



100.7040, 13.6580, 27.8180



97.4840, 46.2120, 21.5400



86.4740, -20.0310, -27.9590



79.2130, -67.3480, -23.9560

Sweetspot

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



100.7040, 13.6580, 27.8180



161.2600, 5.5000, 10.4600



86.9170, -18.1590, 15.2250



79.6570, 2.7040, 6.0640



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



100.7040, 13.6580, 27.8180



122.2080, 21.5870, 43.8190



98.5660, 22.5540, 20.7780



62.4780, 1.6500, 3.1380



52.1950, 32.7700, 66.9300



0.9400, 0.2290, 1.3570

Inverse Universe

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



95.3740, 31.5420, 12.0700



113.8710, 49.3760, 19.2640



113.4340, -22.5540, -20.7780



61.7940, 3.5760, 1.2720



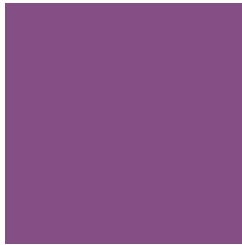
39.4400, 75.8750, 29.1150



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 100.7040, 13.6580, 27.8180 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 100.7040, 13.6580, 27.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

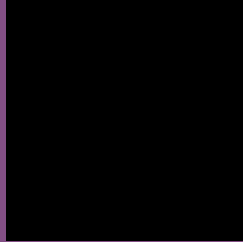
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.7040, 13.6580, 27.8180

Background



This preview shows how black text looks on a background with the YIQ color 100.7040, 13.6580, 27.8180.



This preview shows how white text looks on a background with the YIQ color 100.7040, 13.6580,

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

100.7040, 13.6580, 27.8180

Protanopia

97.3290, -25.3110, 12.6810

Deuteranopia

98.0820, -14.4900, 9.3020



Tritanopia

99.4590, 20.9970, 10.4450

Trichromacy



Original Color

100.7040, 13.6580, 27.8180

Protanomaly

98.6190, -11.3280, 18.0800

Deuteranomaly

99.1590, -4.2210, 15.9310

Tritanomaly

99.8920, 18.5200, 16.7920

Monochromacy



Original Color

100.7040, 13.6580, 27.8180

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.9610, 4.9040, 10.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.7040, 13.6580, 27.8180 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(131, 79, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 79, 133)  
}
```

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(131, 79, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 79, 133) }
```

Border

The CSS property to change the border of an element to YIQ 100.7040, 13.6580, 27.8180 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(131, 79, 133) }
```


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

```
.border{ border-color:rgb(131, 79, 133) }
```

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

Here you see how a box with a 4 pixel rgb(131, 79, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 79, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 79, 133);  
box-shadow:4px 4px 4px 4px rgb(131, 79,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 100.7040, 13.6580, 27.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 79, 133) }
```

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

```
.background{ background-color: rgb(131, 79,  
133) }
```

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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