

Converting Colors

YIQ(147.0670, 8.2020, 27.5780)

Have a look what the booklet for
YIQ(147.0670, 8.2020, 27.5780)
contains.

YIQ(147.0670, 8.2020, 27.5780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(147.0670, 8.2020,
27.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7FB9
RGB	172, 127, 185
RGB Percent	67%, 50%, 73%
CMY	0.3253, 0.5020, 0.2745
CMYK	0.07, 0.31, 0.00, 0.27
HSL	287°, 29%, 61%
HSV	287°, 31%, 73%
XYZ	33.3648, 27.4513, 49.4373
YIQ	147.0670, 8.2020, 27.5780

Conversions

Conversions Part 2

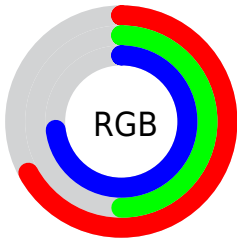
Format	Color
R_{YB}	172, 127, 185
Decimal	11304889
CIE _{Lab}	59.39, 27.76, -23.74
CIE _{LCh}	59, 36.522, 319.463
Yxy	27.4513, 0.3026, 0.2490
Android (android.graphics.Color)	4289494969 (0xFFAC7FB9)
YUV	147.0670, 18.7010, 21.8662
Hunter-Lab	52.3940, 21.9804, -19.2683

Details

The YIQ color **147.0670, 8.2020, 27.5780** is a light color, and the websafe version is hex **996699**. A complement of this color would be **164.9330, -8.2020, -27.5780**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3060, 9.0270, 29.1470**, and **95.8280, 7.3770, 26.0090** is the 20% darker color. If you saturate the color by 10%, you get **134.7180, 11.0430, 36.6670**, and if you desaturate by 10%, it is **158.8290, 5.6360, 19.0120**.

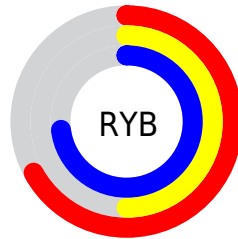
Distribution



Red (67%)

Green (50%)

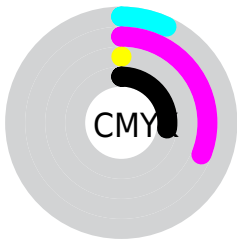
Blue (73%)



Red (67%)

Yellow (50%)

Blue (73%)

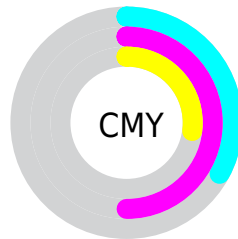


Cyan (7%)

Magenta (31%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (50%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.0670, 8.2020, 27.5780 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 147.0670, 8.2020, 27.5780 by changing the saturation by 10% instead.

■ 147.0670, 8.2020,
27.5780

■ 147.0670, 8.2020,
27.5780

■ 255.0000, -0.0000,
-0.0000

■ 121.2410, 7.6520,
26.5320

■ 201.3060, 9.0270,
29.1470

■ 95.8280, 7.3770,
26.0090

■ 227.4110, 12.9250,
24.5810

■ 71.0020, 6.8270,
24.9630

■ 243.8470, 5.2250,
9.9370

■ 48.1760, 6.2770,
23.9170

■ 24.8770, 5.6810,
23.7050

■ 12.2910, 4.2150,
17.2310

■ 2.0690, -4.4480,

3.5200

0.0000, 0.0000,
0.0000

147.0670, 8.2020,
27.5780

147.0670, 8.2020,
27.5780

134.7180, 11.0430,
36.6670

158.8290, 5.6360,
19.0120

122.9560, 13.6090,
45.2330

171.1780, 2.7950,
9.9230

110.6070, 16.4500,
54.3220

182.9400, 0.2290,
1.3570

98.8450, 19.0160,
62.8880

195.5880, -2.0160,
-7.5200

86.1970, 21.2610,
71.7650

207.3500, -4.5820,
-16.0860

■ 74.4350, 23.8270,
80.3310

■ 219.6990, -7.4230,
-25.1750

■ 64.1460, 26.4390,
88.0630

■ 230.8740, -9.7140,
-33.2180

■ 232.0700, -7.3300,
-32.3700

■ 233.2660, -4.9460,
-31.5220

Harmonies

Analogous

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



143.3060, -26.5040, 17.7840



147.0670, 8.2020, 27.5780



146.8390, 35.2070, 28.2550

Triad

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



147.0670, 8.2020, 27.5780



141.2660, 39.7530, -10.0950



112.5020, -96.3230, -32.9870

Complementary

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



147.0670, 8.2020, 27.5780



164.9330, -8.2020, -27.5780

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.



126.0930, -49.6950, -30.0070



147.0670, 8.2020, 27.5780



138.8670, 18.5270, -21.8970

Square

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



147.0670, 8.2020, 27.5780



143.3960, 51.6710, 5.1990



134.0790, -11.5490, -27.4930



113.9330, -104.4860, -22.7100

Rectangle

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



147.0670, 8.2020, 27.5780



145.2500, 46.9910, 23.9430



134.0790, -11.5490, -27.4930



113.0420, -89.2160, -35.1360

Sweetspot

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



147.0670, 8.2020, 27.5780



225.5910, 3.0700, 10.4460



141.8300, -22.4680, 10.7160



111.4720, 1.7870, 6.1630



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



147.0670, 8.2020, 27.5780



180.3040, 12.5090, 43.1410



149.2440, 20.7650, 25.6690



86.1190, 1.2830, 4.2830



53.9630, 22.0400, 74.1680



9.7700, 4.1240, 13.3720

Inverse Universe

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



145.8240, 30.3950, 16.3390



178.4890, 47.8160, 25.5120



162.7560, -20.7650, -25.6690



85.9190, 4.7220, 2.5300



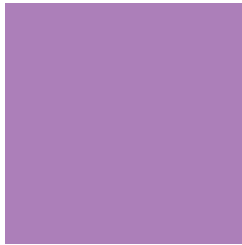
50.6340, 81.7410, 43.9570



9.0560, 14.7620, 7.8020

Previews

White Background



This preview shows how the YIQ color 147.0670, 8.2020, 27.5780 looks on a white background.

Color Contrast Check

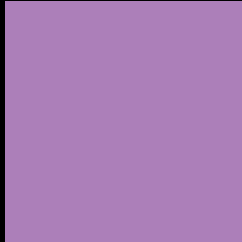
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 147.0670, 8.2020, 27.5780 looks on a black 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

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

YIQ 147.0670, 8.2020, 27.5780

Background



This preview shows how black text looks on a background with the YIQ color 147.0670, 8.2020, 27.5780.



This preview shows how white text looks on a background with the YIQ color 147.0670, 8.2020,

27.5780.

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

147.0670, 8.2020, 27.5780

Protanopia

143.0840, -25.9990, 14.1370

Deuteranopia

144.4780, -15.5450, 11.9030



Tritanopia

145.4090, 15.2660, 9.6820

Trichromacy



Original Color

147.0670, 8.2020, 27.5780

Protanomaly

144.4770, -13.8040, 18.9000

Deuteranomaly

145.5440, -6.7430, 17.5850

Tritanomaly

145.9560, 12.4680, 16.3400

Monochromacy



Original Color

147.0670, 8.2020, 27.5780

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.1780, 2.7950, 9.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.0670, 8.2020, 27.5780 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(172, 127, 185)` looks like.

```
.text, #text, p{  
    color:rgb(172, 127, 185)  
}
```

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(172, 127, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 127, 185) }
```

Border

The CSS property to change the border of an element to YIQ 147.0670, 8.2020, 27.5780 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(172, 127, 185) }
```


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

```
.border{ border-color:rgb(172, 127, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 127, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 127, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 127, 185);  
box-shadow:4px 4px 4px 4px rgb(172, 127,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 147.0670, 8.2020, 27.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 127, 185) }
```

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

```
.background{ background-color: rgb(172,  
127, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor