

Converting Colors

YIQ(153.9570, 2.7000, 28.1720)

Have a look what the booklet for
YIQ(153.9570, 2.7000, 28.1720)
contains.

YIQ(153.9570, 2.7000, 28.1720)	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(153.9570, 2.7000,
28.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	AE87C7
RGB	174, 135, 199
RGB Percent	68%, 53%, 78%
CMY	0.3175, 0.4706, 0.2196
CMYK	0.13, 0.32, 0.00, 0.22
HSL	277°, 36%, 65%
HSV	277°, 32%, 78%
XYZ	36.4325, 30.4490, 57.9839
YIQ	153.9570, 2.7000, 28.1720

Conversions

Conversions Part 2

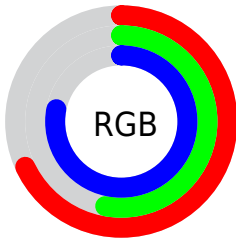
Format	Color
RYB	174, 135, 199
Decimal	11438023
CIELab	62.04, 26.83, -27.56
CIELCh	62, 38.461, 314.229
Yxy	30.4490, 0.2918, 0.2439
Android (android.graphics.Color)	4289628103 (0xFFAE87C7)
YUV	153.9570, 22.2062, 17.5777
Hunter-Lab	55.1806, 21.2867, -23.6755

Details

The YIQ color $153.9570, 2.7000, 28.1720$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $180.0430, -2.7000, -28.1720$, and the grayscale version is $154.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $208.7830, 3.2500, 29.2180$, and $102.6040, 2.1960, 26.2920$ is the 20% darker color. If you saturate the color by 10%, you get $139.8250, 3.4320, 36.9360$, and if you desaturate by 10%, it is $168.0890, 1.9680, 19.4080$.

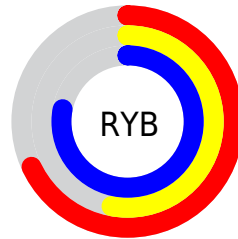
Distribution



Red (68%)

Green (53%)

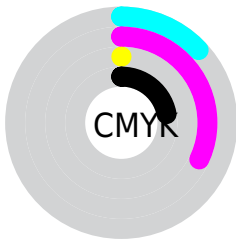
Blue (78%)



Red (68%)

Yellow (53%)

Blue (78%)

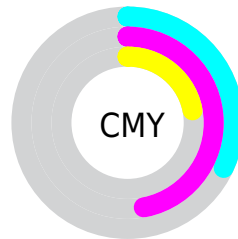


Cyan (13%)

Magenta (32%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (47%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.9570, 2.7000, 28.1720 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 153.9570, 2.7000, 28.1720 by changing the saturation by 10% instead.

153.9570, 2.7000,
28.1720

153.9570, 2.7000,
28.1720

255.0000, -0.0000,
-0.0000

127.5440, 2.4250,
27.6490

208.7830, 3.2500,
29.2180

102.6040, 2.1960,
26.2920

232.6940, 10.4500,
19.8740

77.7780, 1.6460,
25.2460

249.1300, 2.7500,
5.2300

53.9520, 1.0960,
24.2000

31.4250, 1.1420,
23.3660

13.5450, 0.6840,
20.6520

3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 153.9570, 2.7000,
28.1720

■ 153.9570, 2.7000,
28.1720

■ 139.8250, 3.4320,
36.9360

■ 168.0890, 1.9680,
19.4080

■ 125.9920, 4.7600,
45.9120

■ 182.2210, 1.2360,
10.6440

■ 111.8600, 5.4920,
54.6760

■ 196.0540, -0.0920,
1.6680

■ 97.7280, 6.2240,
63.4400

■ 210.1860, -0.8240,
-7.0960

■ 83.5960, 6.9560,
72.2040

■ 223.7310, -1.2810,
-15.3370

70.0510, 7.4130,
80.4450

237.8630, -2.0130,
-24.1010

58.8650, 8.2370,
87.5410

240.5430, 1.8840,
-23.1400

242.9350, 6.6520,
-21.4440

245.3270, 11.4200,
-19.7480

Harmonies

Analogous

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



148.8750, -35.5360, 16.2720



153.9570, 2.7000, 28.1720



153.9360, 33.5560, 30.6440

Triad

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



153.9570, 2.7000, 28.1720



148.8430, 45.4380, -8.4980



117.5400, -99.4860, -36.2380

Complementary

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



153.9570, 2.7000, 28.1720



180.0430, -2.7000, -28.1720

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.



134.0780, -45.3390, -31.8590



153.9570, 2.7000, 28.1720



145.8030, 24.5790, -21.4450

Square

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



153.9570, 2.7000, 28.1720



150.6570, 55.4300, 8.6620



141.7760, -6.3220, -28.6100



119.1990, -108.2910, -25.3390

Rectangle

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



153.9570, 2.7000, 28.1720



152.8310, 46.8530, 26.4450



141.7760, -6.3220, -28.6100



122.7500, -82.5220, -35.3060

Sweetspot

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



153.9570, 2.7000, 28.1720



237.3350, 0.9150, 10.9550



157.5580, -27.6940, 6.3060



116.8140, 0.8240, 7.0960



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.



153.9570, 2.7000, 28.1720



185.2260, 3.9810, 43.5090



160.7480, 19.5260, 31.6060



92.8200, 0.6870, 4.0710



48.4820, 7.2770, 71.8930



10.6820, 1.5560, 15.8600

Inverse Universe

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



156.9860, 30.1190, 21.3430



189.9330, 46.8060, 32.8060



173.2520, -19.5260, -31.6060



93.0330, 4.4010, 2.8410



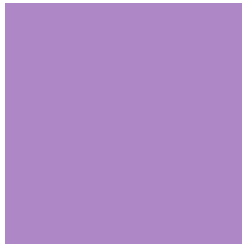
56.0330, 76.6040, 54.4600



12.3600, 16.9620, 11.9860

Previews

White Background



This preview shows how the YIQ color 153.9570, 2.7000, 28.1720 looks on a white background.

Color Contrast Check

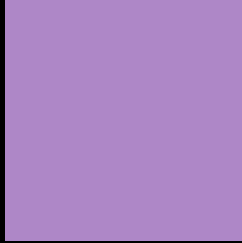
Large Text (above 18pt) WCAG AA × Fail

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 153.9570, 2.7000, 28.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

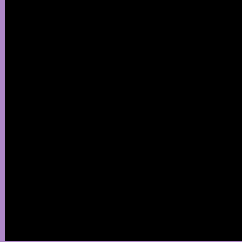
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.9570, 2.7000, 28.1720

Background



This preview shows how black text looks on a background with the YIQ color 153.9570, 2.7000, 28.1720.



This preview shows how white text looks on a background with the YIQ color 153.9570, 2.7000,

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

153.9570, 2.7000, 28.1720

Protanopia

150.1700, -29.1170, 15.5790

Deuteranopia

151.1940, -20.4970, 13.5430



Tritanopia

152.1310, 10.1770, 8.2970

Trichromacy



Original Color

153.9570, 2.7000, 28.1720

Protanomaly

151.2640, -17.5180, 20.1300

Deuteranomaly

151.9610, -12.2910, 19.0130

Tritanomaly

153.0910, 7.6540, 15.4780

Monochromacy



Original Color

153.9570, 2.7000, 28.1720

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.8080, 0.9610, 10.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.9570, 2.7000, 28.1720 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(174, 135, 199)` looks like.

```
.text, #text, p{  
    color:rgb(174, 135, 199)  
}
```

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(174, 135, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 135, 199) }
```

Border

The CSS property to change the border of an element to YIQ 153.9570, 2.7000, 28.1720 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(174, 135, 199) }
```


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

```
.border{ border-color:rgb(174, 135, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 135, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 135, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 135, 199);  
box-shadow:4px 4px 4px 4px rgb(174, 135,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 153.9570, 2.7000, 28.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 135, 199) }
```

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

```
.background{ background-color: rgb(174,  
135, 199) }
```

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