

Converting Colors

YIQ(154.3590, 1.5080, 27.7480)

Have a look what the booklet for
YIQ(154.3590, 1.5080, 27.7480)
contains.

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Color

**YIQ(154.3590, 1.5080,
27.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	AD88C8
RGB	173, 136, 200
RGB Percent	68%, 53%, 78%
CMY	0.3214, 0.4667, 0.2157
CMYK	0.13, 0.32, 0.00, 0.22
HSL	275°, 37%, 66%
HSV	275°, 32%, 78%
XYZ	36.4668, 30.6616, 58.6330
YIQ	154.3590, 1.5080, 27.7480

Conversions

Conversions Part 2

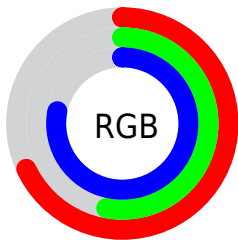
Format	Color
RYB	173, 136, 200
Decimal	11372744
CIELab	62.22, 26.16, -27.85
CIELCh	62, 38.211, 313.209
Yxy	30.6616, 0.2900, 0.2438
Android (android.graphics.Color)	4289562824 (0xFFAD88C8)
YUV	154.3590, 22.5010, 16.3482
Hunter-Lab	55.3729, 20.6519, -24.0198

Details

The YIQ color **154.3590, 1.5080, 27.7480** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **181.6410, -1.5080, -27.7480**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.0710, 2.3790, 28.4830**, and **103.0060, 1.0040, 25.8680** is the 20% darker color. If you saturate the color by 10%, you get **140.2270, 2.2400, 36.5120**, and if you desaturate by 10%, it is **168.4910, 0.7760, 18.9840**.

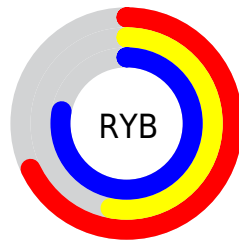
Distribution



Red (68%)

Green (53%)

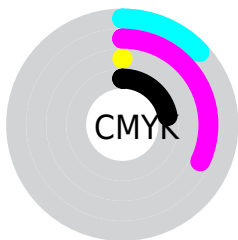
Blue (78%)



Red (68%)

Yellow (53%)

Blue (78%)

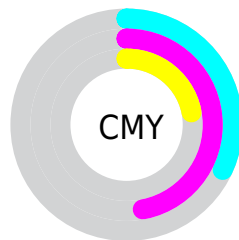


Cyan (13%)

Magenta (32%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (47%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.3590, 1.5080, 27.7480 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 154.3590, 1.5080, 27.7480 by changing the saturation by 10% instead.

154.3590, 1.5080,
27.7480

154.3590, 1.5080,
27.7480

255.0000, -0.0000,
-0.0000

127.9460, 1.2330,
27.2250

209.0710, 2.3790,
28.4830

103.0060, 1.0040,
25.8680

233.2810, 10.1750,
19.3510

78.1800, 0.4540,
24.8220

249.7170, 2.4750,
4.7070

54.6530, 0.5000,
23.9880

31.8270, -0.0500,
22.9420

13.2460, 0.0880,
20.4400

3.6650, -8.9420,

7.8740

■ 0.0000, 0.0000,
0.0000

■ 154.3590, 1.5080,
27.7480

■ 154.3590, 1.5080,
27.7480

■ 140.2270, 2.2400,
36.5120

■ 168.4910, 0.7760,
18.9840

■ 125.7960, 2.3760,
45.0640

■ 182.9220, 0.6400,
10.4320

■ 111.6640, 3.1080,
53.8280

■ 197.0540, -0.0920,
1.6680

■ 97.2330, 3.2440,
62.3800

■ 211.4850, -0.2280,
-6.8840

■ 83.1010, 3.9760,
71.1440

■ 225.6170, -0.9600,
-15.6480

68.6700, 4.1120,
79.6960

239.4610, -0.8210,
-23.6770

57.4840, 4.9360,
86.7920

241.8530, 3.9470,
-21.9810

244.2450, 8.7150,
-20.2850

246.9360, 14.0790,
-18.3770

Harmonies

Analogous

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



149.1630, -36.4070, 15.5370



154.3590, 1.5080, 27.7480



154.4520, 32.0430, 30.5310

Triad

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



154.3590, 1.5080, 27.7480



149.2560, 45.7130, -7.9750



117.4260, -99.1650, -36.5490

Complementary

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



154.3590, 1.5080, 27.7480



181.6410, -1.5080, -27.7480

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.



134.9750, -43.5510, -31.2230



154.3590, 1.5080, 27.7480



146.2160, 24.8540, -20.9220

Square

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



154.3590, 1.5080, 27.7480



150.8850, 54.7880, 9.2840



142.3740, -5.1300, -28.1860



119.7860, -108.5660, -25.8620

Rectangle

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



154.3590, 1.5080, 27.7480



153.0590, 46.2110, 27.0670



142.3740, -5.1300, -28.1860



125.0280, -77.4330, -33.9210

Sweetspot

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



154.3590, 1.5080, 27.7480



237.0360, 0.3190, 10.7430



159.7320, -28.2440, 5.2600



116.5150, 0.2280, 6.8840



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.



154.3590, 1.5080, 27.7480



185.8020, 2.2390, 42.0390



161.9760, 18.8840, 32.2280



92.5210, 0.0910, 3.8590



46.6880, 3.7010, 70.6210



10.3830, 0.9600, 15.6480

Inverse Universe

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



158.2140, 29.4770, 21.9650



191.6770, 44.6510, 33.3150



174.0240, -18.8840, -32.2280



93.1470, 4.0800, 3.1520



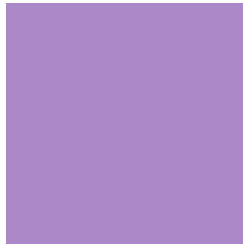
56.6030, 74.9990, 56.0150



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 154.3590, 1.5080, 27.7480 looks on a white background.

Color Contrast Check

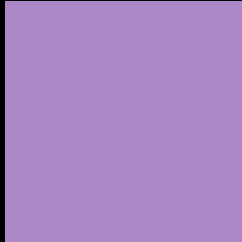
Large Text (above 18pt) WCAG AA × Fail

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 154.3590, 1.5080, 27.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

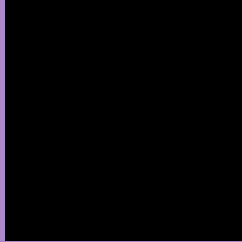
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.3590, 1.5080, 27.7480

Background



This preview shows how black text looks on a background with the YIQ color 154.3590, 1.5080, 27.7480.



This preview shows how white text looks on a background with the YIQ color 154.3590, 1.5080,

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

154.3590, 1.5080, 27.7480

Protanopia

150.2840, -29.4380, 15.8900

Deuteranopia

151.3080, -20.8180, 13.8540



Tritanopia

152.5330, 8.9850, 7.8730

Trichromacy



Original Color

154.3590, 1.5080, 27.7480

Protanomaly

151.9650, -18.1140, 19.9180

Deuteranomaly

152.6620, -12.8870, 18.8010

Tritanomaly

153.4930, 6.4620, 15.0540

Monochromacy



Original Color

154.3590, 1.5080, 27.7480

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.9220, 0.6400, 10.4320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.3590, 1.5080, 27.7480 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(173, 136, 200)` looks like.

```
.text, #text, p{  
    color:rgb(173, 136, 200)  
}
```

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(173, 136, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 136, 200) }
```

Border

The CSS property to change the border of an element to YIQ 154.3590, 1.5080, 27.7480 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(173, 136, 200) }
```


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

```
.border{ border-color:rgb(173, 136, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 136, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 136, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 136, 200);  
box-shadow:4px 4px 4px 4px rgb(173, 136,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 154.3590, 1.5080, 27.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 136, 200) }
```

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

```
.background{ background-color: rgb(173,  
136, 200) }
```

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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