

Converting Colors

YIQ(182.6670, 16.2210, 52.9650)

Have a look what the booklet for
YIQ(182.6670, 16.2210, 52.9650)
contains.

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Color

**YIQ(182.6670, 16.2210,
52.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	E790FF
RGB	231, 144, 255
RGB Percent	91%, 56%, 100%
CMY	0.0938, 0.4354, 0.0000
CMYK	0.09, 0.44, 0.00, 0.00
HSL	287°, 100%, 78%
HSV	287°, 44%, 100%
XYZ	60.9946, 44.1558, 99.9113
YIQ	182.6670, 16.2210, 52.9650

Conversions

Conversions Part 2

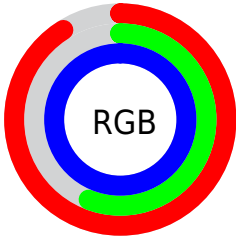
Format	Color
R_{YB}	231, 144, 255
Decimal	15175935
CIE _{Lab}	72.33, 50.53, -42.05
CIE _{LCh}	72, 65.740, 320.234
Yxy	44.1558, 0.2974, 0.2153
Android (android.graphics.Color)	4293366015 (0xFFE790FF)
YUV	182.6670, 35.6602, 42.3880
Hunter-Lab	66.4498, 47.5587, -42.6311

Details

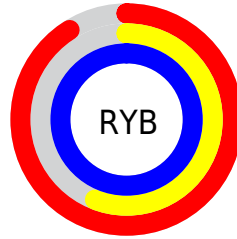
The YIQ color **182.6670, 16.2210, 52.9650** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **216.3330, -16.2210, -52.9650**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.7150, 15.1250, 28.7650**, and **128.0150, 15.1210, 50.8730** is the 20% darker color. If you saturate the color by 10%, you get **165.9100, 20.3910, 65.5030**, and if you desaturate by 10%, it is **199.1360, 12.9220, 41.1620**.

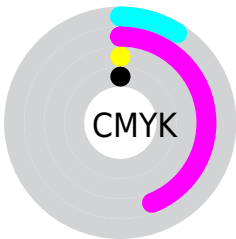
Distribution



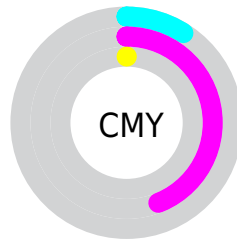
- Red (91%)
- Green (56%)
- Blue (100%)



- Red (91%)
- Yellow (56%)
- Blue (100%)



- Cyan (9%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 182.6670, 16.2210, 52.9650 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 182.6670, 16.2210, 52.9650 by changing the saturation by 10% instead.


 182.6670, 16.2210,
52.9650


 182.6670, 16.2210,
52.9650


255.0000, -0.0000,
-0.0000


 154.8410, 15.6710,
51.9190


 222.7150, 15.1250,
28.7650


 128.0150, 15.1210,
50.8730


 239.1510, 7.4250,
14.1210

 101.1890, 14.5710,
49.8270

 73.8900, 13.9750,
49.6150

 42.6070, 16.4500,
54.3220

 29.9230, 9.2080,
42.3920

 20.0110, 2.6080,

29.8400

■ 6.6250, -11.4650,
15.0550

■ 3.2090, -7.6580,
6.6300

■ 182.6670, 16.2210,
52.9650

■ 182.6670, 16.2210,
52.9650

■ 165.9100, 20.3910,
65.5030

■ 199.1360, 12.9220,
41.1620

■ 149.4410, 23.6900,
77.3060

■ 215.8930, 8.7520,
28.6240

■ 132.6840, 27.8600,
89.8440

■ 232.3620, 5.4530,
16.8210

■ 116.2150, 31.1590,
101.6470

■ 249.1190, 1.2830,
4.2830

■ 99.4580, 35.3290, 255.0000, -0.0000,
114.1850 -0.0000

■ 88.8700, 37.3450,
121.7050

Harmonies

Analogous

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



171.6170, -43.3770, 20.7110



182.6670, 16.2210, 52.9650



171.8330, 53.6800, 51.4080

Triad

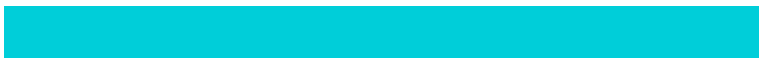
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



182.6670, 16.2210, 52.9650



171.3030, 72.7210, -23.8790



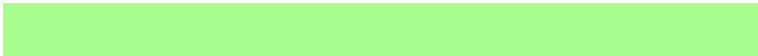
145.6600, -126.3070, -40.2510

Complementary

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



182.6670, 16.2210, 52.9650



216.3330, -16.2210, -52.9650

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.



138.0050, -106.1300, -59.0100



182.6670, 16.2210, 52.9650



166.7550, 32.5610, -44.9670

Square

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



182.6670, 16.2210, 52.9650



170.5770, 84.7740, 5.4940



156.4610, -28.3250, -53.8690



147.6440, -137.4050, -26.3410

Rectangle

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



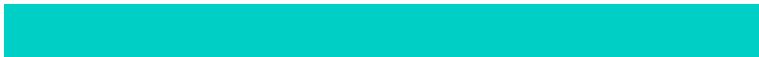
182.6670, 16.2210, 52.9650



165.3980, 67.6660, 40.2260



156.4610, -28.3250, -53.8690



143.9670, -120.1620, -46.9940

Sweetspot

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



182.6670, 16.2210, 52.9650



233.5360, 4.9030, 15.7750



170.7420, -42.2310, 21.9690



114.1780, 2.7950, 9.9230



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.



182.6670, 16.2210, 52.9650



168.2580, 19.2910, 63.4110



186.3090, 40.4760, 48.4120



119.4720, 1.7870, 6.1630



66.6240, 28.0890, 91.2010



22.2460, 9.2560, 30.5040

Inverse Universe

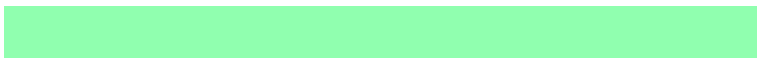
The Inverse Universe completely reimagines the original color for something new.



179.9250, 58.4520, 30.9960



165.0730, 69.9590, 37.2150



212.6910, -40.4760, -48.4120



119.1150, 7.1060, 3.3780



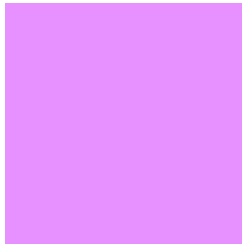
61.7830, 100.6750, 53.2430



20.7320, 33.6500, 17.9220

Previews

White Background



This preview shows how the YIQ color 182.6670, 16.2210, 52.9650 looks on a white background.

Color Contrast Check

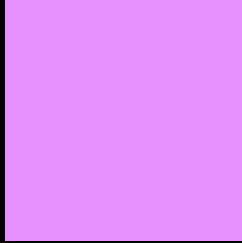
Large Text (above 18pt) WCAG AA × Fail

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 182.6670, 16.2210, 52.9650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

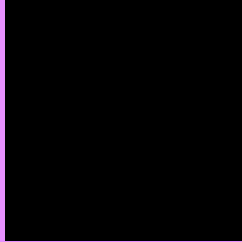
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.6670, 16.2210, 52.9650

Background



This preview shows how black text looks on a background with the YIQ color 182.6670, 16.2210, 52.9650.



This preview shows how white text looks on a background with the YIQ color 182.6670, 16.2210,

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

182.6670, 16.2210, 52.9650

Protanopia

176.9440, -39.9840, 19.7920

Deuteranopia

177.4450, -37.1410, 17.8270



Tritanopia

180.7100, 30.7160, 16.0280

Trichromacy



Original Color

182.6670, 16.2210, 52.9650



Protanomaly

179.1580, -19.6750, 31.6930



Deuteranomaly

179.0010, -17.7950, 30.6610

Tritanomaly

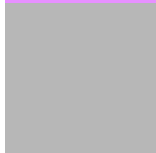
181.1030, 25.7160, 29.5560

Monochromacy



Original Color

182.6670, 16.2210, 52.9650



Achromatopsia

183.0000, -0.0000, -0.0000



Achromatomaly

182.8290, 5.6360, 19.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.6670, 16.2210, 52.9650 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(231, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 144, 255)  
}
```

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(231, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 144, 255) }
```

Border

The CSS property to change the border of an element to YIQ 182.6670, 16.2210, 52.9650 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(231, 144, 255) }
```


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

```
.border{ border-color:rgb(231, 144, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 144, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 144,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 182.6670, 16.2210, 52.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 144, 255) }
```

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

```
.background{ background-color: rgb(231,  
144, 255) }
```

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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