

Converting Colors

YIQ(185.9560, 22.7770, 55.2970)

Have a look what the booklet for
YIQ(185.9560, 22.7770, 55.2970)
contains.

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Color

**YIQ(185.9560, 22.7770,
55.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	F290FF
RGB	242, 144, 255
RGB Percent	95%, 56%, 100%
CMY	0.0507, 0.4354, 0.0000
CMYK	0.05, 0.44, 0.00, 0.00
HSL	293°, 100%, 78%
HSV	293°, 44%, 100%
XYZ	64.6615, 46.0450, 100.0873
YIQ	185.9560, 22.7770, 55.2970

Conversions

Conversions Part 2

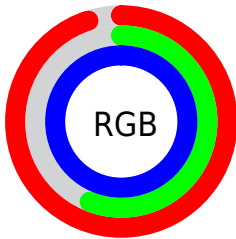
Format	Color
R _{YB}	242, 144, 255
Decimal	15896831
CIE Lab	73.57, 53.65, -40.02
CIE LCh	74, 66.936, 323.278
Yxy	46.0450, 0.3068, 0.2184
Android (android.graphics.Color)	4294086911 (0xFF290FF)
YUV	185.9560, 34.0387, 49.1506
Hunter-Lab	67.8565, 51.3465, -39.9523

Details

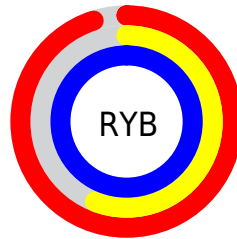
The YIQ color $185.9560, 22.7770, 55.2970$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $213.0440, -22.7770, -55.2970$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $222.7150, 15.1250, 28.7650$, and $130.4180, 21.3560, 53.5160$ is the 20% darker color. If you saturate the color by 10%, you get $169.7970, 28.1390, 68.2590$, and if you desaturate by 10%, it is $201.5280, 17.6900, 42.8580$.

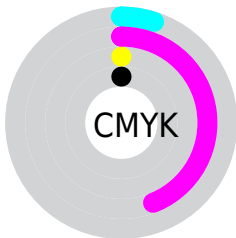
Distribution



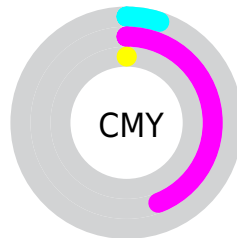
- Red (95%)
- Green (56%)
- Blue (100%)



- Red (95%)
- Yellow (56%)
- Blue (100%)



- Cyan (5%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 185.9560, 22.7770, 55.2970 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 185.9560, 22.7770, 55.2970 by changing the saturation by 10% instead.


 185.9560, 22.7770,
55.2970

 185.9560, 22.7770,
55.2970


255.0000, -0.0000,
-0.0000


 158.1300, 22.2270,
54.2510


 222.7150, 15.1250,
28.7650


 130.4180, 21.3560,
53.5160

 239.7380, 7.1500,
13.5980

 103.0050, 21.0810,
52.9930

 75.1190, 20.7600,
53.3040

 43.5370, 22.6390,
57.7990

 32.9130, 15.1680,
44.5120

 22.7020, 7.9720,

31.7480

■ 11.7080, -1.3330,
18.6590

■ 3.2090, -7.6580,
6.6300

■ 185.9560, 22.7770,
55.2970

■ 185.9560, 22.7770,
55.2970

■ 169.7970, 28.1390,
68.2590

■ 201.5280, 17.6900,
42.8580

■ 154.2250, 33.2260,
80.6980

■ 217.6870, 12.3280,
29.8960

■ 138.0660, 38.5880,
93.6600

■ 233.2590, 7.2410,
17.4570

■ 122.4940, 43.6750,
106.0990

■ 249.4180, 1.8790,
4.4950

■ 106.3350, 49.0370, 255.0000, -0.0000,
119.0610 -0.0000

■ 96.3450, 52.2450,
127.0050

Harmonies

Analogous

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



175.8030, -35.0330, 23.6790



185.9560, 22.7770, 55.2970



172.0780, 54.3680, 49.9520

Triad

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



185.9560, 22.7770, 55.2970



174.2980, 71.1170, -27.8510



149.2620, -130.9380, -38.9220

Complementary

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



185.9560, 22.7770, 55.2970



213.0440, -22.7770, -55.2970

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.



141.3790, -110.1190, -58.3030



185.9560, 22.7770, 55.2970



169.1350, 28.4350, -47.2850

Square

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



185.9560, 22.7770, 55.2970



173.1700, 84.3620, 1.9460



157.6170, -37.6320, -55.9040



149.4050, -138.2300, -27.9100

Rectangle

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



185.9560, 22.7770, 55.2970



166.8170, 67.8040, 37.7240



157.6170, -37.6320, -55.9040



146.8680, -124.1970, -45.4530

Sweetspot

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



185.9560, 22.7770, 55.2970



234.4330, 6.6910, 16.4110



164.2850, -39.2060, 27.7220



114.7760, 3.9870, 10.3470



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.



185.9560, 22.7770, 55.2970



172.4440, 27.6350, 66.3790



184.9410, 44.3280, 44.6800



119.7710, 2.3830, 6.3750



72.3050, 39.4130, 95.2290



24.0400, 12.8320, 31.7760

Inverse Universe

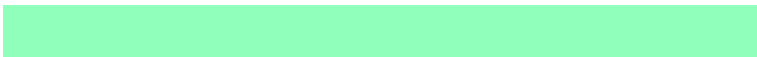
The Inverse Universe completely reimagines the original color for something new.



178.6710, 61.9830, 27.5750



163.5910, 74.1320, 33.1720



214.0590, -44.3280, -44.6800



119.0010, 7.4270, 3.0670



59.6170, 106.7740, 47.3340



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 185.9560, 22.7770, 55.2970 looks on a white background.

Color Contrast Check

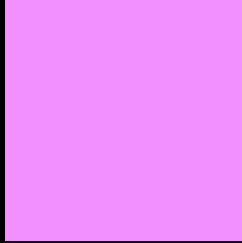
Large Text (above 18pt) WCAG AA × Fail

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 185.9560, 22.7770, 55.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

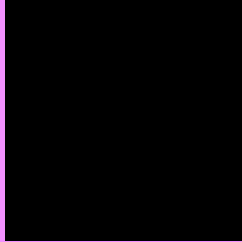
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.9560, 22.7770, 55.2970

Background



This preview shows how black text looks on a background with the YIQ color 185.9560, 22.7770, 55.2970.



This preview shows how white text looks on a background with the YIQ color 185.9560, 22.7770,

55.2970.

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

185.9560, 22.7770, 55.2970

Protanopia

180.7870, -38.1040, 18.7600

Deuteranopia

181.2990, -33.7940, 17.7420



Tritanopia

183.9990, 37.2720, 18.3600

Trichromacy



Original Color

185.9560, 22.7770, 55.2970



Protanomaly

182.4250, -16.0530, 32.1310



Deuteranomaly

182.8660, -12.9810, 31.5230

Tritanomaly

184.3920, 32.2720, 31.8880

Monochromacy



Original Color

185.9560, 22.7770, 55.2970



Achromatopsia

186.0000, -0.0000, -0.0000



Achromatomaly

186.0250, 8.0200, 19.8600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.9560, 22.7770, 55.2970 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(242, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 144, 255) }
```

Border

The CSS property to change the border of an element to YIQ 185.9560, 22.7770, 55.2970 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(242, 144, 255) }
```


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

```
.border{ border-color:rgb(242, 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(242, 144, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 144,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 185.9560, 22.7770, 55.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 144, 255) }
```

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

```
.background{ background-color: rgb(242,  
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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