

Converting Colors

YIQ(182.4890, 31.7620, 63.1700)

Have a look what the booklet for
YIQ(182.4890, 31.7620, 63.1700)
contains.

YIQ(182.4890, 31.7620, 63.1700)	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(182.4890, 31.7620,
63.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	FC85FF
RGB	252, 133, 255
RGB Percent	99%, 52%, 100%
CMY	0.0114, 0.4786, 0.0000
CMYK	0.01, 0.48, 0.00, 0.00
HSL	299°, 100%, 76%
HSV	299°, 48%, 100%
XYZ	66.6088, 44.6940, 99.7239
YIQ	182.4890, 31.7620, 63.1700

Conversions

Conversions Part 2

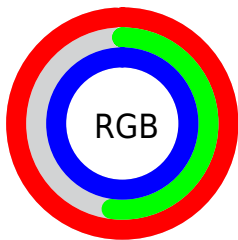
Format	Color
R_{YB}	252, 133, 255
Decimal	16549375
CIE _{Lab}	72.69, 61.84, -41.31
CIE _{LCh}	73, 74.368, 326.253
Yxy	44.6940, 0.3156, 0.2118
Android (android.graphics.Color)	4294739455 (0xFFFC85FF)
YUV	182.4890, 35.7479, 60.9611
Hunter-Lab	66.8536, 60.8527, -41.6440

Details

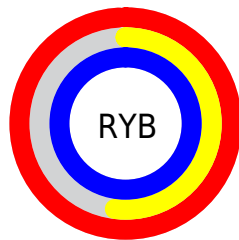
The YIQ color **182.4890, 31.7620, 63.1700** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **205.5110, -31.7620, -63.1700**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.8450, 17.8750, 33.9950**, and **125.4780, 30.2950, 62.2230** is the 20% darker color. If you saturate the color by 10%, you get **166.9280, 38.3160, 76.5560**, and if you desaturate by 10%, it is **197.4630, 25.4830, 50.3070**.

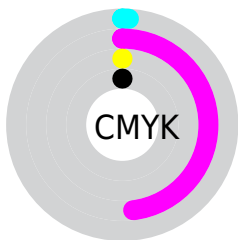
Distribution



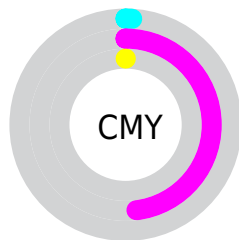
- Red (99%)
- Green (52%)
- Blue (100%)



- Red (99%)
- Yellow (52%)
- Blue (100%)



- Cyan (1%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 182.4890, 31.7620, 63.1700 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 182.4890, 31.7620, 63.1700 by changing the saturation by 10% instead.


 182.4890, 31.7620,
63.1700


 182.4890, 31.7620,
63.1700


255.0000, -0.0000,
-0.0000


 153.7770, 30.8910,
62.4350


 216.2580, 18.1500,
34.5180


 125.4780, 30.2950,
62.2230


 233.2810, 10.1750,
19.3510

 96.5920, 29.9740,
62.5340

 250.8910, 1.9250,
3.6610

 61.0750, 33.2280,
69.6440

 45.9290, 27.4070,
59.4950

 34.7070, 18.7440,
45.7840

 24.4960, 11.5480,

33.0200

■ 13.5020, 2.2430,
19.9310

■ 3.2090, -7.6580,
6.6300

■ 182.4890, 31.7620,
63.1700

■ 182.4890, 31.7620,
63.1700

■ 166.9280, 38.3160,
76.5560

■ 197.4630, 25.4830,
50.3070

■ 152.2530, 45.1910,
89.6310

■ 212.7250, 18.3330,
36.7090

■ 136.6920, 51.7450,
103.0170

■ 227.6990, 12.0540,
23.8460

■ 122.0170, 58.6200,
116.0920

■ 243.2600, 5.5000,
10.4600

■ 106.4560, 65.1740, 255.0000, -0.0000,
129.4780 -0.0000

■ 103.5210, 66.5490,
132.0930

Harmonies

Analogous

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



173.4770, -30.9990, 27.6650



182.4890, 31.7620, 63.1700



163.0620, 60.4650, 55.0970

Triad

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



182.4890, 31.7620, 63.1700



167.8130, 79.3720, -39.7960



150.2880, -133.8270, -36.1230

Complementary

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



182.4890, 31.7620, 63.1700



205.5110, -31.7620, -63.1700

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.



142.3080, -111.3570, -57.8930



182.4890, 31.7620, 63.1700



162.7830, 26.1900, -56.1620

Square

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



182.4890, 31.7620, 63.1700



168.5420, 91.8820, -2.1820



145.2720, -58.9500, -66.0380



148.8180, -137.9550, -27.3870

Rectangle

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



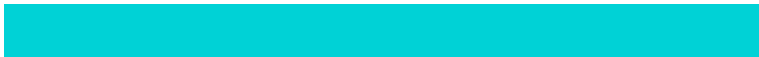
182.4890, 31.7620, 63.1700



158.4050, 74.9560, 40.2680



145.2720, -58.9500, -66.0380



147.6660, -126.4440, -43.2760

Sweetspot

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



182.4890, 31.7620, 63.1700



233.5690, 9.3040, 18.6160



149.2560, -40.2620, 35.8500



114.7870, 5.4540, 11.2940



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.



182.4890, 31.7620, 63.1700



168.9880, 38.0870, 75.1990



176.8880, 51.8470, 46.0790



120.0700, 2.9790, 6.5870



77.6870, 50.1410, 99.0450



25.8340, 16.4080, 33.0480

Inverse Universe

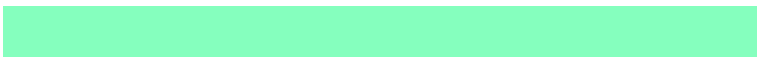
The Inverse Universe completely reimagines the original color for something new.



169.8200, 71.7490, 26.7970



153.6970, 85.4570, 31.6730



211.1120, -51.8470, -46.0790



118.8870, 7.7480, 2.7560



57.6790, 112.2310, 42.0470



19.3640, 37.5020, 14.1900

Previews

White Background



This preview shows how the YIQ color 182.4890, 31.7620, 63.1700 looks on a white background.

Color Contrast Check

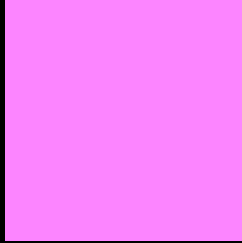
Large Text (above 18pt) WCAG AA × Fail

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 182.4890, 31.7620, 63.1700 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 182.4890, 31.7620, 63.1700

Background



This preview shows how black text looks on a background with the YIQ color 182.4890, 31.7620, 63.1700.



This preview shows how white text looks on a background with the YIQ color 182.4890, 31.7620,

63.1700.

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

182.4890, 31.7620, 63.1700

Protanopia

177.8300, -39.6630, 19.4810

Deuteranopia

178.1140, -34.7110, 17.8410



Tritanopia

181.3810, 48.0000, 22.1760

Trichromacy



Original Color

182.4890, 31.7620, 63.1700



Protanomaly

179.2020, -13.8070, 35.4810



Deuteranomaly

179.5290, -10.4140, 34.5620

Tritanomaly

181.5290, 42.3120, 37.1600

Monochromacy



Original Color

182.4890, 31.7620, 63.1700



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

181.9870, 11.1830, 23.1110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.4890, 31.7620, 63.1700 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(252, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 133, 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(252, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 133, 255) }
```

Border

The CSS property to change the border of an element to YIQ 182.4890, 31.7620, 63.1700 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(252, 133, 255) }
```


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

```
.border{ border-color:rgb(252, 133, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 133,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 182.4890, 31.7620, 63.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 133, 255) }
```

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

```
.background{ background-color: rgb(252,  
133, 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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