

Converting Colors

YIQ(103.4660, 31.7100, 97.1660)

Have a look what the booklet for
YIQ(103.4660, 31.7100, 97.1660)
contains.

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Color

**YIQ(103.4660, 31.7100,
97.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	C220EA
RGB	194, 32, 234
RGB Percent	76%, 13%, 92%
CMY	0.2387, 0.8747, 0.0824
CMYK	0.17, 0.86, 0.00, 0.08
HSL	288°, 83%, 52%
HSV	288°, 86%, 92%
XYZ	37.6465, 18.4560, 79.4142
YIQ	103.4660, 31.7100, 97.1660

Conversions

Conversions Part 2

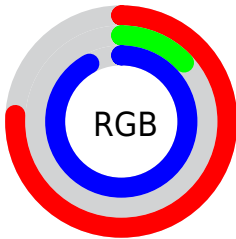
Format	Color
RYB	194, 32, 234
Decimal	12722410
CIELab	50.04, 82.52, -66.16
CIELCh	50, 105.768, 321.280
Yxy	18.4560, 0.2778, 0.1362
Android (android.graphics.Color)	4290912490 (0xFFC220EA)
YUV	103.4660, 64.3533, 79.3983
Hunter-Lab	42.9605, 81.2394, -79.5276

Details

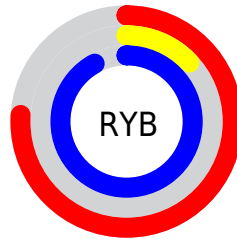
The YIQ color **103.4660, 31.7100, 97.1660** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **162.5340, -31.7100, -97.1660**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 41.8000, 79.4960**, and **60.5430, 23.6430, 83.6670** is the 20% darker color. If you saturate the color by 10%, you get **88.7690, 35.6510, 108.3470**, and if you desaturate by 10%, it is **118.4620, 28.3650, 86.1970**.

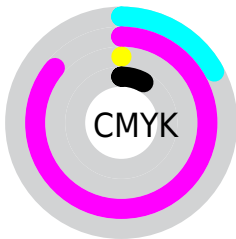
Distribution



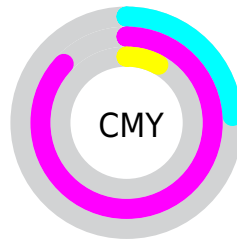
- Red (76%)
- Green (13%)
- Blue (92%)



- Red (76%)
- Yellow (13%)
- Blue (92%)



- Cyan (17%)
- Magenta (86%)
- Yellow (0%)
- Black (8%)




- Cyan (24%)
- Magenta (87%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.4660, 31.7100, 97.1660 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 103.4660, 31.7100, 97.1660 by changing the saturation by 10% instead.


 103.4660, 31.7100,
97.1660


 103.4660, 31.7100,
97.1660


255.0000, -0.0000,
-0.0000


 72.4060, 31.9390,
98.5230

 165.7760, 41.8000,
79.4960


 60.5430, 23.6430,
83.6670


 183.3860, 33.5500,
63.8060

 48.4950, 14.4300,
68.9100


 200.4090, 25.5750,
48.6390

 36.7460, 5.8130,
54.3650

 218.0190, 17.3250,
32.9490

 25.4100, -2.5290,
40.3430

 235.6290, 9.0750,
17.2590

 9.1050, -21.3240,
23.0280

 253.2390, 0.8250,

 7.8200, -16.5080,

1.5690

12.8360

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 103.4660, 31.7100,
97.1660

■ 103.4660, 31.7100,
97.1660

■ 88.7690, 35.6510,
108.3470

■ 118.4620, 28.3650,
86.1970

■ 82.8880, 36.9340,
112.6300

■ 133.7460, 24.1490,
74.4930

■ 148.7420, 20.8040,
63.5240

■ 164.3250, 17.1840,
52.0320

■ 179.0220, 13.2430,
40.8510

■ 194.0180, 9.8980,
29.8820

■ 209.3020, 5.6820,
18.1780

■ 224.2980, 2.3370,
7.2090

■ 239.8810, -1.2830,
-4.2830

Harmonies

Analogous

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



93.0530, -111.8300, 22.2980



103.4660, 31.7100, 97.1660



93.2310, 104.1510, 100.3990

Triad

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



103.4660, 31.7100, 97.1660



112.7420, 70.1070, -20.5570



110.6730, -100.8180, -23.1060

Complementary

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



103.4660, 31.7100, 97.1660



162.5340, -31.7100, -97.1660

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.



98.7830, -70.0940, -51.2940



103.4660, 31.7100, 97.1660



102.5890, 12.2970, -52.1750

Square

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



103.4660, 31.7100, 97.1660



95.7610, 122.9630, 23.7550



85.7020, -40.1500, -76.3580



118.2940, -123.6550, -0.1910

Rectangle

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



103.4660, 31.7100, 97.1660



86.6190, 122.7690, 82.3610



85.7020, -40.1500, -76.3580



107.1390, -90.8670, -32.7470

Sweetspot

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



103.4660, 31.7100, 97.1660



212.3710, 10.4020, 31.7620



78.5080, -75.8420, 41.9020



102.1280, 6.2320, 19.2240



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.



103.4660, 31.7100, 97.1660



90.3650, 40.3250, 122.7650



108.4720, 75.1310, 86.6750



109.9450, 1.8330, 5.3290



63.9890, 28.3190, 87.0310



19.0130, 8.2940, 25.9100

Inverse Universe

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



96.9580, 107.5520, 55.2640



81.9450, 135.9300, 69.6100



157.5280, -75.1310, -86.6750



109.5170, 5.9140, 2.9540



58.2230, 96.3200, 49.5680



17.4000, 28.6530, 14.8690

Previews

White Background



This preview shows how the YIQ color 103.4660, 31.7100, 97.1660 looks on a white background.

Color Contrast Check

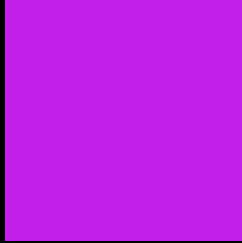
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.4660, 31.7100, 97.1660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

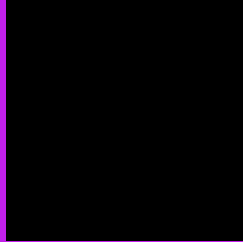
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 103.4660, 31.7100, 97.1660

Background



This preview shows how black text looks on a background with the YIQ color 103.4660, 31.7100, 97.1660.



This preview shows how white text looks on a background with the YIQ color 103.4660, 31.7100,

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

103.4660, 31.7100, 97.1660

Protanopia

95.3210, -109.9490, 15.7390

Deuteranopia

96.1240, -102.5650, 3.0590



Tritanopia

120.0170, 46.0290, 19.3490

Trichromacy



Original Color

103.4660, 31.7100, 97.1660



Protanomaly

98.4840, -58.0990, 45.2370



Deuteranomaly

98.7800, -53.4210, 37.5470



Tritanomaly

114.0810, 41.1180, 47.7900

Monochromacy



Original Color

103.4660, 31.7100, 97.1660



Achromatopsia

103.0000, -0.0000, 0.0000



Achromatomaly

103.0770, 11.4100, 35.5220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.4660, 31.7100, 97.1660 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(194, 32, 234)` looks like.

```
.text, #text, p{  
    color:rgb(194, 32, 234)  
}
```

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(194, 32, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 32, 234) }
```

Border

The CSS property to change the border of an element to YIQ 103.4660, 31.7100, 97.1660 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(194, 32, 234) }
```


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

```
.border{ border-color:rgb(194, 32, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 32, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 32, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 32, 234);  
box-shadow:4px 4px 4px 4px rgb(194, 32,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 103.4660, 31.7100, 97.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 32, 234) }
```

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

```
.background{ background-color: rgb(194, 32,  
234) }
```

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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