

Converting Colors

YIQ(98.8190, 32.2140, 99.0460)

Have a look what the booklet for
YIQ(98.8190, 32.2140, 99.0460)
contains.

YIQ(98.8190, 32.2140, 99.0460)	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(98.8190, 32.2140,
99.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	BF1AE8
RGB	191, 26, 232
RGB Percent	75%, 10%, 91%
CMY	0.2505, 0.8983, 0.0902
CMYK	0.18, 0.89, 0.00, 0.09
HSL	288°, 82%, 51%
HSV	288°, 89%, 91%
XYZ	36.4515, 17.6551, 77.8245
YIQ	98.8190, 32.2140, 99.0460

Conversions

Conversions Part 2

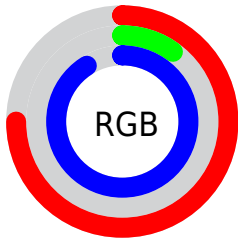
Format	Color
R_{YB}	191, 26, 232
Decimal	12524264
CIE _{Lab}	49.08, 82.77, -66.62
CIE _{LCh}	49, 106.254, 321.171
Yxy	17.6551, 0.2763, 0.1338
Android (android.graphics.Color)	4290714344 (0xFFBF1AE8)
YUV	98.8190, 65.6582, 80.8427
Hunter-Lab	42.0179, 81.3213, -80.4027

Details

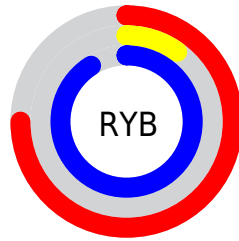
The YIQ color **98.8190, 32.2140, 99.0460** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **159.1810, -32.2140, -99.0460**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **162.5310, 41.1120, 80.9520**, and **59.4180, 22.4970, 82.4090** is the 20% darker color. If you saturate the color by 10%, you get **84.1220, 36.1550, 110.2270**, and if you desaturate by 10%, it is **113.8150, 28.8690, 88.0770**.

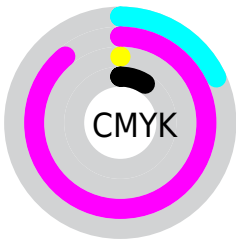
Distribution



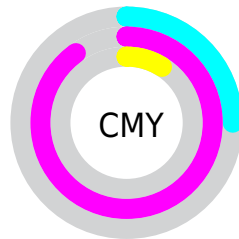
- Red (75%)
- Green (10%)
- Blue (91%)



- Red (75%)
- Yellow (10%)
- Blue (91%)



- Cyan (18%)
- Magenta (89%)
- Yellow (0%)
- Black (9%)





- Cyan (25%)
- Magenta (90%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 98.8190, 32.2140, 99.0460 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 98.8190, 32.2140, 99.0460 by changing the saturation by 10% instead.


 98.8190, 32.2140,
99.0460


 98.8190, 32.2140,
99.0460


255.0000, -0.0000,
-0.0000


 71.2810, 30.7930,
97.2650


 162.5310, 41.1120,
80.9520


 59.4180, 22.4970,
82.4090


 181.6250, 34.3750,
65.3750

 47.3700, 13.2840,
67.6520


 198.6480, 26.4000,
50.2080

 35.6210, 4.6670,
53.1070

 216.2580, 18.1500,
34.5180

 23.9860, -4.2710,
38.8730

 233.8680, 9.9000,
18.8280

 7.9800, -22.4700,
21.7700

 251.4780, 1.6500,

 7.7060, -16.1870,

3.1380

12.5250

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 98.8190, 32.2140,
99.0460

■ 98.8190, 32.2140,
99.0460

■ 84.1220, 36.1550,
110.2270

■ 113.8150, 28.8690,
88.0770

■ 82.0620, 36.3840,
111.5840

■ 128.5120, 24.9280,
76.8960

■ 144.0950, 21.3080,
65.4040

■ 159.0910, 17.9630,
54.4350

■ 173.7880, 14.0220,
43.2540

■ 188.7840, 10.6770,
32.2850

■ 203.4810, 6.7360,
21.1040

■ 219.0640, 3.1160,
9.6120

■ 234.0600, -0.2290,
-1.3570

Harmonies

Analogous

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



91.8790, -111.2800, 23.3440



98.8190, 32.2140, 99.0460



93.0030, 104.7930, 99.7770

Triad

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



98.8190, 32.2140, 99.0460



110.0840, 69.1440, -19.6240



108.5700, -99.0300, -22.4700

Complementary

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



98.8190, 32.2140, 99.0460



159.1810, -32.2140, -99.0460

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.



96.6800, -68.3060, -50.6580



98.8190, 32.2140, 99.0460



100.5180, 11.0590, -51.7650

Square

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



98.8190, 32.2140, 99.0460



92.2280, 123.1460, 25.9460



83.9410, -39.3250, -74.7890



116.5330, -122.8300, 1.3780

Rectangle

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



98.8190, 32.2140, 99.0460



86.2770, 123.7320, 81.4280



83.9410, -39.3250, -74.7890



105.1500, -89.4000, -31.8000

Sweetspot

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



98.8190, 32.2140, 99.0460



210.3110, 10.6310, 33.1190



73.5510, -77.4010, 42.6230



101.2420, 5.9110, 19.5350



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.



98.8190, 32.2140, 99.0460



90.0660, 39.7290, 122.5530



104.0100, 76.5520, 88.4560



107.0590, 1.5120, 5.6400



63.1630, 27.7690, 85.9850



18.0730, 8.0650, 24.5530

Inverse Universe

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



92.2680, 109.6150, 56.4230



82.0590, 135.6090, 69.9210



153.9900, -76.5520, -88.4560



106.9300, 6.1890, 3.4770



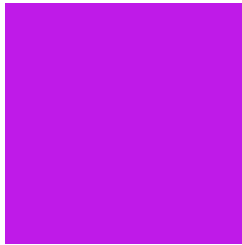
57.5110, 95.4490, 48.8330



16.3890, 27.1860, 13.9220

Previews

White Background



This preview shows how the YIQ color 98.8190, 32.2140, 99.0460 looks on a white background.

Color Contrast Check

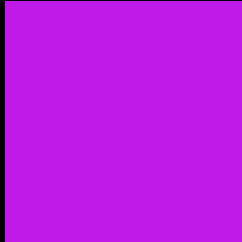
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 98.8190, 32.2140, 99.0460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

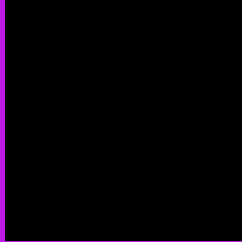
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 98.8190, 32.2140, 99.0460

Background



This preview shows how black text looks on a background with the YIQ color 98.8190, 32.2140, 99.0460.



This preview shows how white text looks on a background with the YIQ color 98.8190, 32.2140,

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

98.8190, 32.2140, 99.0460

Protanopia

93.5770, -107.7940, 15.2300

Deuteranopia

94.3800, -100.4100, 2.5500



Tritanopia

117.7180, 45.4330, 19.1370

Trichromacy



Original Color

98.8190, 32.2140, 99.0460



Protanomaly

95.3810, -56.3110, 45.8730



Deuteranomaly

96.2640, -51.9080, 37.6600



Tritanomaly

111.1950, 40.7970, 48.1010

Monochromacy



Original Color

98.8190, 32.2140, 99.0460



Achromatopsia

99.0000, -0.0000, 0.0000



Achromatomaly

98.7890, 12.2810, 36.2570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.8190, 32.2140, 99.0460 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(191, 26, 232)` looks like.

```
.text, #text, p{  
    color:rgb(191, 26, 232)  
}
```

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(191, 26, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 26, 232) }
```

Border

The CSS property to change the border of an element to YIQ 98.8190, 32.2140, 99.0460 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(191, 26, 232) }
```


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

```
.border{ border-color:rgb(191, 26, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 26, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 26, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 26, 232); box-shadow:4px 4px 4px 4px rgb(191, 26, 232) }
```

Background

The CSS property to change the background color of an element to YIQ 98.8190, 32.2140, 99.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 26, 232) }
```

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

```
.background{ background-color: rgb(191, 26,  
232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor