

Converting Colors

YIQ(108.9810, 30.7970, 75.1570)

Have a look what the booklet for
YIQ(108.9810, 30.7970, 75.1570)
contains.

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Color

**YIQ(108.9810, 30.7970,
75.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	B934CB
RGB	185, 52, 203
RGB Percent	73%, 20%, 80%
CMY	0.2741, 0.7963, 0.2039
CMYK	0.09, 0.74, 0.00, 0.20
HSL	293°, 59%, 50%
HSV	293°, 74%, 80%
XYZ	32.0380, 17.0902, 58.1109
YIQ	108.9810, 30.7970, 75.1570

Conversions

Conversions Part 2

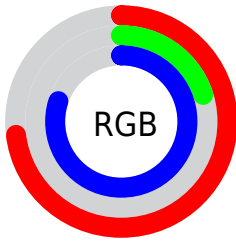
Format	Color
R_{YB}	185, 52, 203
Decimal	12137675
CIE _{Lab}	48.37, 70.50, -51.24
CIE _{LCh}	48, 87.155, 323.990
Yxy	17.0902, 0.2988, 0.1594
Android (android.graphics.Color)	4290327755 (0xFFB934CB)
YUV	108.9810, 46.3514, 66.6687
Hunter-Lab	41.3403, 65.9889, -54.4041

Details

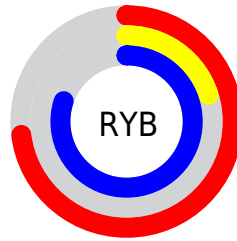
The YIQ color $108.9810, 30.7970, 75.1570$ is a dark color, and the websafe version is hex $CC33CC$. The color can be described as middle muted purple. A complement of this color would be $146.0190, -30.7970, -75.1570$, and the grayscale version is $109.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $167.7700, 32.7690, 72.4570$, and $55.1440, 28.7800, 73.1640$ is the 20% darker color. If you saturate the color by 10%, you get $96.6430, 35.1050, 85.1930$, and if you desaturate by 10%, it is $121.6180, 27.0850, 65.3330$.

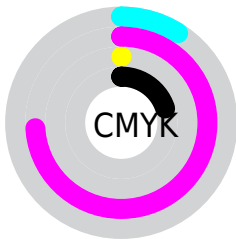
Distribution



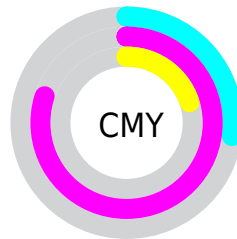
- Red (73%)
- Green (20%)
- Blue (80%)



- Red (73%)
- Yellow (20%)
- Blue (80%)



- Cyan (9%)
- Magenta (74%)
- Yellow (0%)
- Black (20%)





- Cyan (27%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 108.9810, 30.7970, 75.1570 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 108.9810, 30.7970, 75.1570 by changing the saturation by 10% instead.


 108.9810, 30.7970,
75.1570


 108.9810, 30.7970,
75.1570


255.0000, -0.0000,
-0.0000


 69.5290, 35.4260,
84.8820


 167.7700, 32.7690,
72.4570


 55.1440, 28.7800,
73.1640


 188.0820, 31.3500,
59.6220


 43.5090, 19.8420,
58.9300


 204.5180, 23.6500,
44.9780

 32.4720, 12.0960,
45.1200

 221.5410, 15.6750,
29.8110

 21.9620, 4.3040,
32.1440

 239.1510, 7.4250,
14.1210

 7.8640, -10.6400,
16.6240

 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 108.9810, 30.7970,
75.1570

■ 108.9810, 30.7970,
75.1570

■ 96.6430, 35.1050,
85.1930

■ 121.6180, 27.0850,
65.3330

■ 83.4190, 39.0920,
95.5400

■ 134.5430, 22.5020,
54.7740

■ 76.6630, 41.5210,
101.0810

■ 146.8810, 18.1940,
44.7380

■ 159.5180, 14.4820,
34.9140

■ 171.8560, 10.1740,
24.8780

■ 185.0800, 6.1870,
14.5310

■ 197.4180, 1.8790,
4.4950

■ 209.7560, -2.4290,
-5.5410

■ 222.9800, -6.4160,
-15.8880

Harmonies

Analogous

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



100.8610, -84.5060, 33.7180



108.9810, 30.7970, 75.1570



84.5300, 95.5790, 90.5470

Triad

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



108.9810, 30.7970, 75.1570



108.5560, 61.7630, -23.5250



104.8370, -95.4080, -22.0320

Complementary

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



108.9810, 30.7970, 75.1570



146.0190, -30.7970, -75.1570

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.



94.9990, -70.4620, -44.6220



108.9810, 30.7970, 75.1570



99.6540, 13.6720, -49.5600

Square

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



108.9810, 30.7970, 75.1570



101.7980, 103.2050, 7.3730



81.5930, -38.2250, -72.6970



110.1440, -114.4850, -1.1810

Rectangle

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



108.9810, 30.7970, 75.1570



80.8520, 114.5630, 76.8910



81.5930, -38.2250, -72.6970



101.5140, -87.4290, -28.9730

Sweetspot

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



108.9810, 30.7970, 75.1570



220.0350, 11.2280, 27.8040



80.9540, -53.9710, 36.5010



106.8460, 6.9660, 16.9340



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.



108.9810, 30.7970, 75.1570



113.6780, 46.3330, 112.9970



108.0930, 59.1800, 61.8680



95.8310, 2.1540, 5.0180



62.5780, 33.7300, 82.5780



14.4980, 8.0660, 19.0260

Inverse Universe

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



99.2010, 84.2180, 37.6100



98.9510, 126.6250, 56.5210



146.9070, -59.1800, -61.8680



95.1040, 5.6390, 2.4310



51.9140, 92.5160, 41.4120



11.9320, 21.0430, 9.6110

Previews

White Background



This preview shows how the YIQ color 108.9810, 30.7970, 75.1570 looks on a white background.

Color Contrast Check

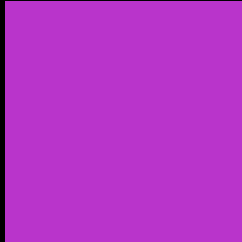
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.9810, 30.7970, 75.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

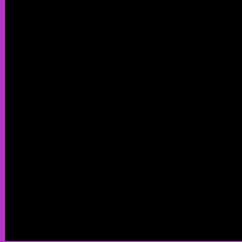
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.9810, 30.7970, 75.1570

Background



This preview shows how black text looks on a background with the YIQ color 108.9810, 30.7970, 75.1570.



This preview shows how white text looks on a background with the YIQ color 108.9810, 30.7970,

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

108.9810, 30.7970, 75.1570

Protanopia

92.0610, -106.2810, 15.3430

Deuteranopia

108.9310, -56.3050, 12.7110



Tritanopia

115.9030, 46.3500, 19.0380

Trichromacy



Original Color

108.9810, 30.7970, 75.1570



Protanomaly

98.3990, -56.7220, 36.7980



Deuteranomaly

109.0420, -25.0400, 35.3120



Tritanomaly

113.6260, 40.6610, 39.5490

Monochromacy



Original Color

108.9810, 30.7970, 75.1570



Achromatopsia

109.0000, -0.0000, 0.0000



Achromatomaly

108.9210, 11.5490, 27.4930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.9810, 30.7970, 75.1570 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(185, 52, 203)` looks like.

```
.text, #text, p{  
    color:rgb(185, 52, 203)  
}
```

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(185, 52, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 52, 203) }
```

Border

The CSS property to change the border of an element to YIQ 108.9810, 30.7970, 75.1570 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(185, 52, 203) }
```


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

```
.border{ border-color:rgb(185, 52, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 52, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 52, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 52, 203);  
box-shadow:4px 4px 4px 4px rgb(185, 52,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 108.9810, 30.7970, 75.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 52, 203) }
```

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

```
.background{ background-color: rgb(185, 52,  
203) }
```

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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