

Converting Colors

YIQ(181.1400, -11.2370,
21.9390)

Have a look what the booklet for
YIQ(181.1400, -11.2370, 21.9390)
contains.

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Color

**YIQ(181.1400, -11.2370,
21.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	B8AAE7
RGB	184, 170, 231
RGB Percent	72%, 67%, 91%
CMY	0.2784, 0.3333, 0.0942
CMYK	0.20, 0.26, 0.00, 0.09
HSL	254°, 56%, 79%
HSV	254°, 26%, 91%
XYZ	48.5657, 44.7081, 81.6538
YIQ	181.1400, -11.2370, 21.9390

Conversions

Conversions Part 2

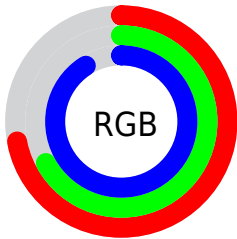
Format	Color
RYB	184, 170, 231
Decimal	12102375
CIELab	72.70, 17.41, -28.78
CIELCh	73, 33.631, 301.169
Yxy	44.7081, 0.2776, 0.2556
Android (android.graphics.Color)	4290292455 (0xFFB8AAE7)
YUV	181.1400, 24.5810, 2.5082
Hunter-Lab	66.8641, 12.6384, -25.5995

Details

The YIQ color $181.1400, -11.2370, 21.9390$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $219.8600, 11.2370, -21.9390$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $233.2040, -0.0940, 12.7220$, and $128.0860, -11.1450, 20.2710$ is the 20% darker color. If you saturate the color by 10%, you get $162.2570, -15.6400, 30.1520$, and if you desaturate by 10%, it is $200.0230, -6.8340, 13.7260$.

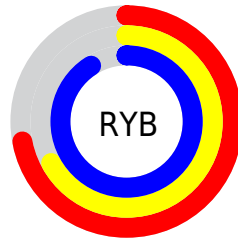
Distribution



Red (72%)

Green (67%)

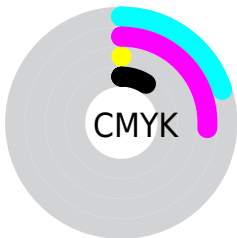
Blue (91%)



Red (72%)

Yellow (67%)

Blue (91%)

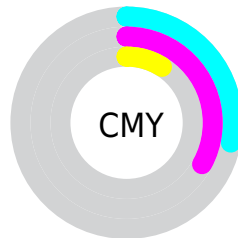


Cyan (20%)

Magenta (26%)

Yellow (0%)

Black (9%)



Cyan (28%)

Magenta (33%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.1400, -11.2370, 21.9390 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 181.1400, -11.2370, 21.9390 by changing the saturation by 10% instead.

■ 181.1400,
-11.2370, 21.9390

■ 181.1400,
-11.2370, 21.9390

■ 255.0000, -0.0000,
-0.0000

■ 154.0260,
-10.9160, 21.6280

■ 233.2040, -0.0940,
12.7220

■ 128.0860,
-11.1450, 20.2710

■ 254.4130, 0.2750,
0.5230

■ 102.5590,
-11.0990, 19.4370

■ 78.0320, -11.0530,
18.6030

■ 55.0920, -11.2820,
17.2460

■ 32.8530, -12.1070,
15.6770

■ 8.6900, -10.0900,

17.6700

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 181.1400,
-11.2370, 21.9390

■ 181.1400,
-11.2370, 21.9390

■ 162.2570,
-15.6400, 30.1520

■ 200.0230, -6.8340,
13.7260

■ 143.3740,
-20.0430, 38.3650

■ 218.9060, -2.4310,
5.5130

■ 124.7900,
-23.8500, 46.7900

■ 237.4900, 1.3760,
-2.9120

■ 105.9070,
-28.2530, 55.0030

■ 252.2640, 7.7040,
-7.4640

■ 87.0240, -32.6560,
63.2160

■ 67.5540, -36.7840,
71.9520

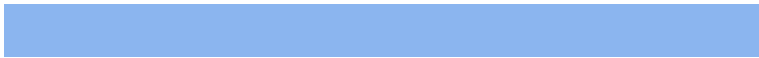
■ 48.9700, -40.5910,
80.3770

■ 42.1810, -42.5630,
83.0770

Harmonies

Analogous

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



175.0540, -43.6500, 9.1340



181.1400, -11.2370, 21.9390



183.2270, 19.4350, 27.7470

Triad

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



181.1400, -11.2370, 21.9390



178.6680, 47.7290, -0.4550



162.9770, -55.0600, -26.3880

Complementary

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



181.1400, -11.2370, 21.9390



219.8600, 11.2370, -21.9390

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.



168.4460, -22.8280, -26.8280



181.1400, -11.2370, 21.9390



176.4390, 31.7760, -14.2080

Square

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



181.1400, -11.2370, 21.9390



180.7800, 50.8900, 13.8500



173.0660, 7.6610, -23.2110



159.5310, -76.9310, -20.9870

Rectangle

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



181.1400, -11.2370, 21.9390



182.7850, 35.2990, 26.5870



173.0660, 7.6610, -23.2110



165.0120, -44.9730, -27.4770

Sweetspot

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



181.1400, -11.2370, 21.9390



238.4760, -4.0360, 7.0680



205.1300, -32.7810, -6.1330



117.3790, -2.3850, 4.6790



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.



181.1400, -11.2370, 21.9390



188.0290, -14.9980, 29.5300



190.1100, 6.6430, 28.2990



105.2650, -2.0640, 4.3680



32.6650, -33.0230, 64.3610



9.4020, -9.2190, 18.4050

Inverse Universe

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



193.5970, 21.2690, 27.5490



204.7000, 28.6490, 36.9770



210.8900, -6.6430, -28.2990



107.6140, 4.2630, 5.3430



69.1390, 62.7070, 80.5550



19.6950, 17.8770, 22.9410

Previews

White Background



This preview shows how the YIQ color 181.1400, -11.2370, 21.9390 looks on a white background.

Color Contrast Check

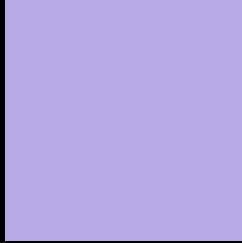
Large Text (above 18pt) WCAG AA × Fail

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 181.1400, -11.2370, 21.9390 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 181.1400, -11.2370, 21.9390

Background



This preview shows how black text looks on a background with the YIQ color 181.1400, -11.2370, 21.9390.



This preview shows how white text looks on a background with the YIQ color 181.1400, -11.2370,

21.9390.

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

181.1400, -11.2370, 21.9390

Protanopia

178.6540, -27.6040, 15.6920

Deuteranopia

179.1770, -21.8270, 15.6210



Tritanopia

178.5960, -4.4940, 4.3540

Trichromacy



Original Color

181.1400, -11.2370, 21.9390

Protanomaly

179.6440, -21.6440, 17.8120

Deuteranomaly

179.7970, -17.7010, 17.9390

Tritanomaly

179.4420, -6.6960, 11.2240

Monochromacy



Original Color

181.1400, -11.2370, 21.9390

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.0030, -4.0820, 7.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.1400, -11.2370, 21.9390 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(184, 170, 231)` looks like.

```
.text, #text, p{  
    color:rgb(184, 170, 231)  
}
```

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(184, 170, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 170, 231) }
```

Border

The CSS property to change the border of an element to YIQ 181.1400, -11.2370, 21.9390 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(184, 170, 231) }
```


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

```
.border{ border-color:rgb(184, 170, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 170, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 170, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 170, 231);  
box-shadow:4px 4px 4px 4px rgb(184, 170,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 181.1400, -11.2370, 21.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 170, 231) }
```

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

```
.background{ background-color: rgb(184,  
170, 231) }
```

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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