

Converting Colors

YIQ(166.8050, -2.9840, 21.0480)

Have a look what the booklet for
YIQ(166.8050, -2.9840, 21.0480)
contains.

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Color

**YIQ(166.8050, -2.9840,
21.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	B19ACE
RGB	177, 154, 206
RGB Percent	69%, 60%, 81%
CMY	0.3058, 0.3961, 0.1922
CMYK	0.14, 0.25, 0.00, 0.19
HSL	267°, 35%, 71%
HSV	267°, 25%, 81%
XYZ	40.8295, 36.9134, 63.3571
YIQ	166.8050, -2.9840, 21.0480

Conversions

Conversions Part 2

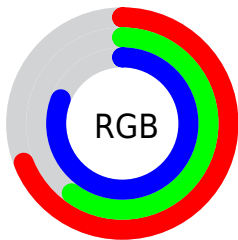
Format	Color
RYB	177, 154, 206
Decimal	11639502
CIELab	67.21, 18.59, -23.50
CIELCh	67, 29.969, 308.350
Yxy	36.9134, 0.2894, 0.2616
Android (android.graphics.Color)	4289829582 (0xFFB19ACE)
YUV	166.8050, 19.3231, 8.9410
Hunter-Lab	60.7564, 13.6320, -19.2985

Details

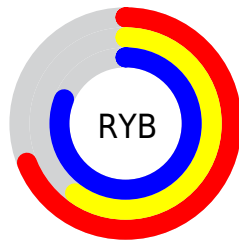
The YIQ color $166.8050, -2.9840, 21.0480$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $193.1950, 2.9840, -21.0480$, and the grayscale version is $167.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $220.8330, -0.1870, 19.9170$, and $114.8650, -3.2130, 19.6910$ is the 20% darker color. If you saturate the color by 10%, you get $151.1890, -3.7650, 29.6990$, and if you desaturate by 10%, it is $182.4210, -2.2030, 12.3970$.

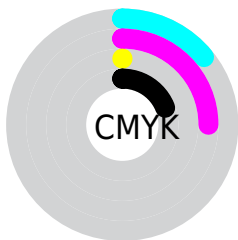
Distribution



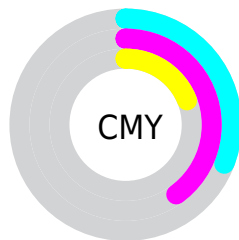
- Red (69%)
- Green (60%)
- Blue (81%)



- Red (69%)
- Yellow (60%)
- Blue (81%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)
- Black (19%)



- Cyan (31%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.8050, -2.9840, 21.0480 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 166.8050, -2.9840, 21.0480 by changing the saturation by 10% instead.

■ 166.8050, -2.9840,
21.0480

■ 166.8050, -2.9840,
21.0480

■ 255.0000, -0.0000,
-0.0000

■ 140.2780, -2.9380,
20.2140

■ 220.8330, -0.1870,
19.9170

■ 114.8650, -3.2130,
19.6910

■ 244.4340, 4.9500,
9.4140

■ 90.0390, -3.7630,
18.6450

■ 66.3980, -3.3960,
17.5000

■ 43.5720, -3.9460,
16.4540

■ 22.0450, -3.9000,
15.6200

■ 3.6480, -10.2720,

9.9520

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 166.8050, -2.9840,
21.0480

■ 166.8050, -2.9840,
21.0480

■ 151.1890, -3.7650,
29.6990

■ 182.4210, -2.2030,
12.3970

■ 135.8610, -5.4170,
37.6150

■ 197.7490, -0.5510,
4.4810

■ 120.2450, -6.1980,
46.2660

■ 213.3650, 0.2300,
-4.1700

■ 104.9170, -7.8500,
54.1820

■ 228.6930, 1.8820,
-12.0860

■ 89.3010, -8.6310,
62.8330

■ 243.1350, 3.2130,
-19.6910

■ 73.3860, -10.0080,
71.2720

■ 246.7230, 10.3650,
-17.1470

■ 58.3570, -11.0640,
79.4000

■ 249.4140, 15.7290,
-15.2390

■ 50.6930, -11.8900,
83.3580

Harmonies

Analogous

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



162.5670, -31.9130, 11.1830



166.8050, -2.9840, 21.0480



167.6740, 22.3700, 24.1140

Triad

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



166.8050, -2.9840, 21.0480



163.4820, 39.3850, -3.4230



149.8680, -53.1350, -22.7270

Complementary

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



166.8050, -2.9840, 21.0480



193.1950, 2.9840, -21.0480

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.



154.2870, -26.6340, -23.9300



166.8050, -2.9840, 21.0480



161.1330, 23.8900, -14.4620

Square

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



166.8050, -2.9840, 21.0480



165.2090, 45.0680, 9.2280



158.1130, 0.2790, -21.5850



148.9670, -66.2950, -15.5030

Rectangle

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



166.8050, -2.9840, 21.0480



167.4380, 34.6580, 21.6820



158.1130, 0.2790, -21.5850



150.9460, -44.6070, -23.0950

Sweetspot

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



166.8050, -2.9840, 21.0480



239.9710, -1.0560, 8.1280



176.9510, -24.6670, 1.0050



117.9770, -1.1930, 5.1030



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.



166.8050, -2.9840, 21.0480



197.5310, -4.7280, 30.6320



174.5790, 12.5120, 26.5600



94.3360, -0.8260, 3.9580



40.7510, -9.7780, 67.1020



9.4150, -2.0660, 15.4220

Inverse Universe

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



172.8540, 21.6830, 20.0430



206.5120, 31.8140, 29.1740



185.4210, -12.5120, -26.5600



95.5600, 4.3550, 3.6750



60.1220, 69.4040, 63.8040



13.7560, 15.9070, 14.5870

Previews

White Background



This preview shows how the YIQ color 166.8050, -2.9840, 21.0480 looks on a white background.

Color Contrast Check

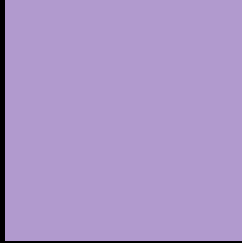
Large Text (above 18pt) WCAG AA × Fail

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 166.8050, -2.9840, 21.0480 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 166.8050, -2.9840, 21.0480

Background



This preview shows how black text looks on a background with the YIQ color 166.8050, -2.9840, 21.0480.



This preview shows how white text looks on a background with the YIQ color 166.8050, -2.9840,

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

166.8050, -2.9840, 21.0480

Protanopia

164.4110, -22.6060, 13.2180

Deuteranopia

164.8310, -15.0410, 13.7830



Tritanopia

165.0700, 2.9790, 6.5870

Trichromacy



Original Color

166.8050, -2.9840, 21.0480

Protanomaly

165.1130, -15.7750, 16.0730

Deuteranomaly

165.7500, -10.3190, 16.3130

Tritanomaly

165.8620, 0.8690, 11.7890

Monochromacy



Original Color

166.8050, -2.9840, 21.0480

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.8570, -0.7350, 7.8170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.8050, -2.9840, 21.0480 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(177, 154, 206)` looks like.

```
.text, #text, p{  
    color:rgb(177, 154, 206)  
}
```

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(177, 154, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 154, 206) }
```

Border

The CSS property to change the border of an element to YIQ 166.8050, -2.9840, 21.0480 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(177, 154, 206) }
```


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

```
.border{ border-color:rgb(177, 154, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 154, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 154, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 154, 206);  
box-shadow:4px 4px 4px 4px rgb(177, 154,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 166.8050, -2.9840, 21.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 154, 206) }
```

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

```
.background{ background-color: rgb(177,  
154, 206) }
```

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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