

Converting Colors

`RYB(177, 166, 191)`

Have a look what the booklet for
RYB(177, 166, 191) contains.

RYB(177, 166, 191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(177, 166, 191)

Conversions

Conversions Part 1

Format	Color
Hex	B1A6BF
RGB	177, 166, 191
RGB Percent	69%, 65%, 75%
CMY	0.3059, 0.3490, 0.2510
CMYK	0.07, 0.13, 0.00, 0.25
HSL	266°, 16%, 70%
HSV	266°, 13%, 75%
XYZ	41.1717, 40.3811, 54.9146
YIQ	172.1390, -1.4690, 10.1070

Conversions

Conversions Part 2

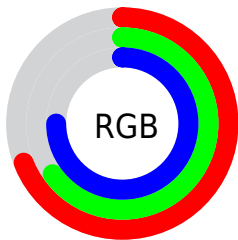
Format	Color
RYB	177, 166, 191
Decimal	11642559
CIELab	69.74, 8.75, -11.37
CIELCh	70, 14.347, 307.573
Yxy	40.3811, 0.3017, 0.2959
Android (android.graphics.Color)	4289832639 (0xFFB1A6BF)
YUV	172.1390, 9.2985, 4.2631
Hunter-Lab	63.5462, 4.4447, -6.7542

Details

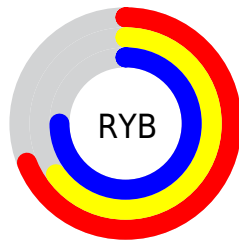
The RYB color **177, 166, 191** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **166, 191, 177**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **233, 221, 247**, and **124, 114, 138** is the 20% darker color. If you saturate the color by 10%, you get **166, 147, 191**, and if you desaturate by 10%, it is **188, 185, 191**.

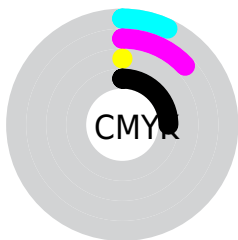
Distribution



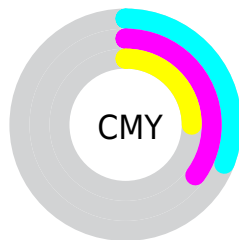
- Red (69%)
- Green (65%)
- Blue (75%)



- Red (69%)
- Yellow (65%)
- Blue (75%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 166, 191 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 RYB color 177, 166, 191 by changing the saturation by 10% instead.

■ 177, 166, 191

255, 255, 255

■ 233, 221, 247

■ 255, 250, 255

■ 177, 166, 191

■ 150, 140, 164

■ 124, 114, 138

■ 99, 90, 112

■ 75, 66, 88

■ 53, 44, 64

■ 31, 23, 42


■ 7, 0, 22


■ 0, 0, 0


■ 177, 166, 191

■ 177, 166, 191


 166, 147, 191

 188, 185, 191


 156, 128, 191


 191, 204, 197


 145, 109, 191


 191, 223, 205


 134, 90, 191


 191, 242, 213


 124, 71, 191


 191, 255, 216


 113, 51, 191

 191, 255, 205

 102, 32, 191

 191, 255, 194

 91, 13, 191

 191, 255, 191

 84, 0, 191

Harmonies

Analogous

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



160, 168, 196



177, 166, 191



190, 163, 181

Triad

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



177, 166, 191



190, 181, 147



139, 160, 178

Complementary

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



177, 166, 191



166, 191, 177

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.



148, 169, 177



177, 166, 191



152, 177, 145

Square

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



177, 166, 191



197, 165, 155



150, 174, 161



137, 159, 186

Rectangle

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



177, 166, 191



196, 162, 172



150, 174, 161



141, 162, 178

Sweetspot

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



177, 166, 191



242, 237, 247



166, 175, 191



121, 119, 125



252, 252, 252



125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



177, 166, 191



225, 208, 247



189, 166, 191



89, 85, 94



70, 0, 158



13, 0, 31

Inverse Universe

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



191, 166, 180



247, 208, 230



166, 191, 189



94, 85, 90



158, 0, 89



31, 0, 17

Previews

White Background



This preview shows how the RYB color 177, 166, 191 looks on a white background.

Color Contrast Check

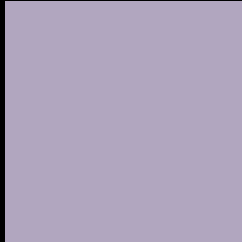
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 177, 166, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

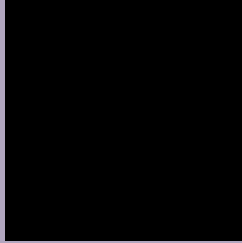
Any Text WCAG AA ✓ Pass

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](#).

R Y B 177, 166, 191 Background



This preview shows how black text looks on a background with the RYB color 177, 166, 191.



This preview shows how white text looks on a background with the RYB color 177, 166, 191.

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
177, 166, 191

Protanopia
167, 169, 193

Deuteranopia
177, 166, 191



Tritanopia
175, 168, 181

Trichromacy



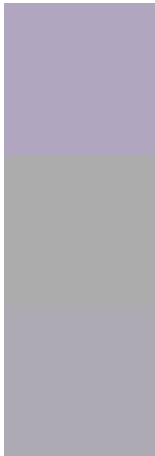
Original Color
177, 166, 191

Protanomaly
171, 168, 192

Deuteranomaly
177, 166, 191

Tritanomaly
176, 167, 185

Monochromacy



Original Color
177, 166, 191

Achromatopsia
172, 172, 172

Achromatomaly
174, 170, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 166, 191 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, 166, 191) looks like.

```
.text, #text, p{  
    color:rgb(177, 166, 191)  
}
```

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, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 166, 191) }
```

Border

The CSS property to change the border of an element to RYB 177, 166, 191 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, 166, 191) }
```

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

```
.border{ border-color:rgb(177, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(177, 166,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 177, 166, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 166, 191) }
```

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

```
.background{ background-color: rgb(177,  
166, 191) }
```

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