

Converting Colors

`RYB(167, 106, 113)`

Have a look what the booklet for
RYB(167, 106, 113) contains.

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Color

R_YB(167, 106, 113)

Conversions

Conversions Part 1

Format	Color
Hex	A76A71
RGB	167, 106, 113
RGB Percent	65%, 42%, 44%
CMY	0.3451, 0.5843, 0.5569
CMYK	0.00, 0.37, 0.32, 0.35
HSL	353°, 26%, 54%
HSV	353°, 37%, 65%
XYZ	24.0710, 19.7158, 18.1596
YIQ	125.0370, 34.1090, 15.1090

Conversions

Conversions Part 2

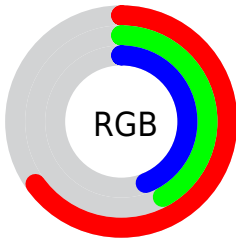
Format	Color
R_{YB}	167, 106, 113
Decimal	10971761
CIE _{Lab}	51.51, 25.33, 6.31
CIE _{LCh}	52, 26.106, 13.998
Yxy	19.7158, 0.3886, 0.3183
Android (android.graphics.Color)	4289161841 (0xFFA76A71)
YUV	125.0370, -5.9342, 36.8016
Hunter-Lab	44.4025, 19.0622, 6.8334

Details

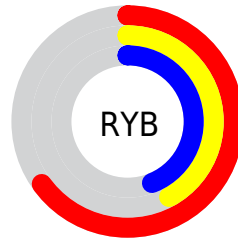
The RYB color **167, 106, 113** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106, 138, 167**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **224, 158, 165**, and **113, 57, 65** is the 20% darker color. If you saturate the color by 10%, you get **167, 89, 98**, and if you desaturate by 10%, it is **167, 123, 128**.

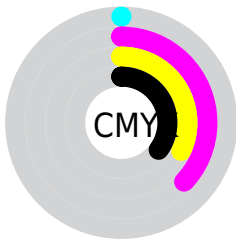
Distribution



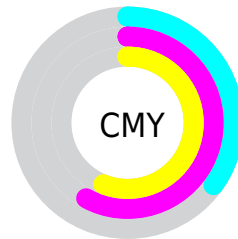
- Red (65%)
- Green (42%)
- Blue (44%)



- Red (65%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (32%)
- Black (35%)



- Cyan (35%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 106, 113 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 167, 106, 113 by changing the saturation by 10% instead.

 167, 106, 113

255, 255, 255

 224, 158, 165

 253, 185, 192

 255, 213, 220

 255, 242, 248

 167, 106, 113

 140, 81, 89

 113, 57, 65

 87, 34, 43

 62, 11, 23

 41, 0, 0


 0, 0, 0


 167, 106, 113

 167, 89, 98

 167, 73, 83

 167, 106, 113

 167, 123, 128

 167, 139, 143

■ 167, 56, 69

■ 167, 156, 157

■ 167, 39, 54

■ 167, 170, 173

■ 167, 22, 39

■ 167, 179, 189

■ 167, 6, 24

■ 167, 188, 206

■ 167, 0, 19

■ 167, 197, 223

■ 167, 206, 240

■ 167, 213, 255

Harmonies

Analogous

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



159, 107, 136



167, 106, 113



163, 115, 93

Triad

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



167, 106, 113



90, 131, 118



74, 108, 165

Complementary

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



167, 106, 113



106, 138, 167

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.



47, 94, 153



167, 106, 113



76, 113, 134

Square

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



167, 106, 113



82, 128, 79



51, 94, 135



108, 119, 166

Rectangle

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



167, 106, 113



154, 141, 83



51, 94, 135



63, 103, 162

Sweetspot

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



167, 106, 113



217, 193, 196



160, 106, 167



110, 95, 97



237, 237, 237



110, 110, 110

Same Dimension

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



167, 106, 113



217, 121, 132



167, 143, 106



84, 76, 77



148, 0, 17



20, 0, 2

Inverse Universe

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



167, 106, 113



217, 121, 132



106, 129, 167



84, 76, 77



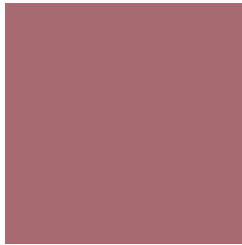
148, 0, 17



20, 0, 2

Previews

White Background



This preview shows how the RYB color 167, 106, 113 looks on a white background.

Color Contrast Check

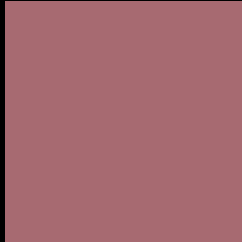
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 167, 106, 113 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](#).

RYB 167, 106, 113 Background



This preview shows how black text looks on a background with the RYB color 167, 106, 113.



This preview shows how white text looks on a background with the RYB color 167, 106, 113.

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
[167, 106, 113](#)

Protanopia
[126, 123, 122](#)

Deuteranopia
[140, 122, 111](#)



Tritanopia
167, 106, 114

Trichromacy



Original Color

167, 106, 113

Protanomaly

141, 117, 119

Deuteranomaly

150, 114, 112

Tritanomaly

167, 106, 114

Monochromacy



Original Color

167, 106, 113

Achromatopsia

125, 125, 125

Achromatomaly

140, 118, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 106, 113 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(167, 106, 113)` looks like.

```
.text, #text, p{  
    color:rgb(167, 106, 113)  
}
```

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(167, 106, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 106, 113) }
```

Border

The CSS property to change the border of an element to RYB 167, 106, 113 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(167, 106, 113) }
```

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

```
.border{ border-color:rgb(167, 106, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 106, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 106, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 106, 113);  
box-shadow:4px 4px 4px 4px rgb(167, 106,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 167, 106, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 106, 113) }
```

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

```
.background{ background-color: rgb(167,  
106, 113) }
```

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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