

Converting Colors

`RYB(168, 105, 112)`

Have a look what the booklet for
RYB(168, 105, 112) contains.

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Color

R_YB(168, 105, 112)

Conversions

Conversions Part 1

Format	Color
Hex	A86970
RGB	168, 105, 112
RGB Percent	66%, 41%, 44%
CMY	0.3412, 0.5882, 0.5608
CMYK	0.00, 0.38, 0.33, 0.34
HSL	353°, 27%, 54%
HSV	353°, 38%, 66%
XYZ	24.1247, 19.5978, 17.8405
YIQ	124.6350, 35.3010, 15.5330

Conversions

Conversions Part 2

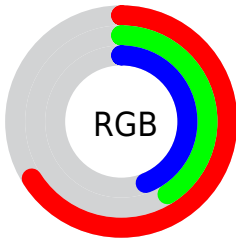
Format	Color
R_{YB}	168, 105, 112
Decimal	11037040
CIE _{Lab}	51.38, 26.15, 6.73
CIE _{LCh}	51, 27.000, 14.436
Yxy	19.5978, 0.3919, 0.3183
Android (android.graphics.Color)	4289227120 (0xFFA86970)
YUV	124.6350, -6.2291, 38.0311
Hunter-Lab	44.2694, 19.8021, 7.0949

Details

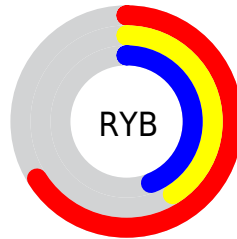
The RYB color **168, 105, 112** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105, 138, 168**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **225, 157, 164**, and **114, 56, 64** is the 20% darker color. If you saturate the color by 10%, you get **168, 88, 97**, and if you desaturate by 10%, it is **168, 122, 127**.

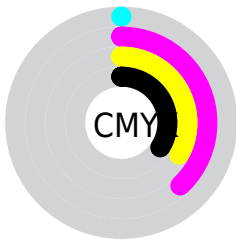
Distribution



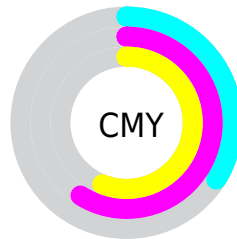
- Red (66%)
- Green (41%)
- Blue (44%)



- Red (66%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (38%)
- Yellow (33%)
- Black (34%)




- Cyan (34%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the RYB color 168, 105, 112 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 168, 105, 112 by changing the saturation by 10% instead.


 168, 105, 112

 168, 105, 112

255, 255, 255

 141, 80, 88

 225, 157, 164

 114, 56, 64

 254, 184, 191

 88, 33, 42

 255, 212, 218

 63, 10, 22

 255, 241, 247


 42, 0, 0

 0, 0, 0


 168, 105, 112

 168, 105, 112

 168, 88, 97

 168, 122, 127

 168, 71, 82

 168, 139, 142

■ 168, 55, 67

■ 168, 155, 157

■ 168, 38, 52

■ 168, 170, 172

■ 168, 21, 37

■ 168, 179, 189

■ 168, 4, 22

■ 168, 188, 206

■ 168, 0, 19

■ 168, 197, 223

■ 168, 206, 239

■ 168, 214, 255

Harmonies

Analogous

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



160, 106, 135



168, 105, 112



163, 115, 91

Triad

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



168, 105, 112



89, 131, 119



71, 107, 166

Complementary

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



168, 105, 112



105, 138, 168

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.



42, 92, 154



168, 105, 112



73, 111, 134

Square

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



168, 105, 112



79, 127, 77



46, 91, 135



108, 119, 167

Rectangle

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



168, 105, 112



154, 141, 81



46, 91, 135



59, 101, 163

Sweetspot

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



168, 105, 112



219, 195, 198



161, 105, 168



110, 95, 97



237, 237, 237



110, 110, 110

Same Dimension

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



168, 105, 112



219, 121, 132



168, 144, 105



84, 76, 77



148, 0, 16



20, 0, 2

Inverse Universe

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



168, 105, 112



219, 121, 132



105, 129, 168



84, 76, 77



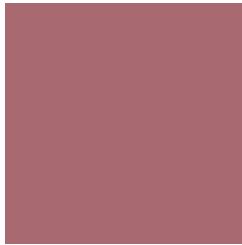
148, 0, 16



20, 0, 2

Previews

White Background



This preview shows how the RYB color 168, 105, 112 looks on a white background.

Color Contrast Check

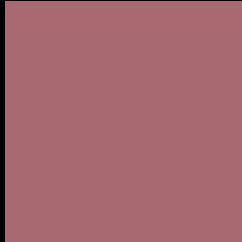
Large Text (above 18pt) WCAG AA ✓ Pass

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 168, 105, 112 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](#).

R Y B 168, 105, 112 Background



This preview shows how black text looks on a background with the R Y B color 168, 105, 112.



This preview shows how white text looks on a background with the R Y B color 168, 105, 112.

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


168, 105, 112

Protanopia

125, 122, 121

Deuteranopia

140, 121, 110



Tritanopia
168, 105, 113

Trichromacy



Original Color

168, 105, 112

Protanomaly

141, 116, 118

Deuteranomaly

150, 113, 111

Tritanomaly

168, 105, 113

Monochromacy



Original Color

168, 105, 112

Achromatopsia

125, 125, 125

Achromatomaly

141, 118, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 105, 112 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(168, 105, 112) looks like.

```
.text, #text, p{  
    color:rgb(168, 105, 112)  
}
```

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(168, 105, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 105, 112) }
```

Border

The CSS property to change the border of an element to RYB 168, 105, 112 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(168, 105, 112) }
```

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

```
.border{ border-color:rgb(168, 105, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 105, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 105, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 105, 112);  
box-shadow:4px 4px 4px 4px rgb(168, 105,  
112) }
```

Background

The CSS property to change the background color of an element to RYB 168, 105, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 105, 112) }
```

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

```
.background{ background-color: rgb(168,  
105, 112) }
```

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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