

Converting Colors

`RYB(165, 118, 133)`

Have a look what the booklet for
RYB(165, 118, 133) contains.

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Color

R_YB(165, 118, 133)

Conversions

Conversions Part 1

Format	Color
Hex	A57685
RGB	165, 118, 133
RGB Percent	65%, 46%, 52%
CMY	0.3529, 0.5373, 0.4784
CMYK	0.00, 0.28, 0.19, 0.35
HSL	341°, 21%, 55%
HSV	341°, 28%, 65%
XYZ	26.2291, 22.6497, 25.1797
YIQ	133.7630, 23.1970, 14.6290

Conversions

Conversions Part 2

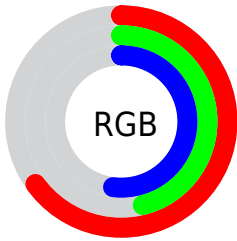
Format	Color
R_{YB}	165, 118, 133
Decimal	10843781
CIE Lab	54.71, 20.74, -0.85
CIE LCh	55, 20.760, 357.660
Yxy	22.6497, 0.3542, 0.3058
Android (android.graphics.Color)	4289033861 (0xFFA57685)
YUV	133.7630, -0.3762, 27.3948
Hunter-Lab	47.5917, 15.0911, 1.9451

Details

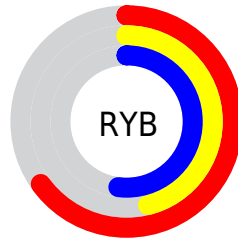
The RYB color **165, 118, 133** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118, 146, 165**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **221, 171, 186**, and **112, 69, 84** is the 20% darker color. If you saturate the color by 10%, you get **165, 102, 122**, and if you desaturate by 10%, it is **165, 134, 144**.

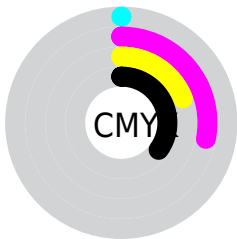
Distribution



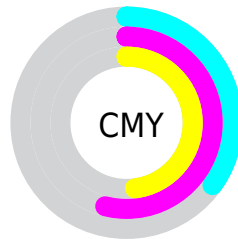
- Red (65%)
- Green (46%)
- Blue (52%)



- Red (65%)
- Yellow (46%)
- Blue (52%)



- Cyan (0%)
- Magenta (28%)
- Yellow (19%)
- Black (35%)



- Cyan (35%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 118, 133 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 165, 118, 133 by changing the saturation by 10% instead.

 165, 118, 133

255, 255, 255

 221, 171, 186

 250, 198, 214

 255, 226, 242

 165, 118, 133

 138, 93, 108

 112, 69, 84

 87, 46, 61

 63, 24, 39

 40, 1, 18

 0, 0, 0

 165, 118, 133

 165, 102, 122

 165, 85, 111

 165, 118, 133

 165, 134, 144

 165, 151, 155

165, 69, 99

165, 166, 167

165, 52, 88

165, 176, 184

165, 36, 77

165, 186, 200

165, 19, 66

165, 196, 217

165, 2, 54

165, 205, 233

165, 0, 53

165, 216, 250

165, 216, 255

Harmonies

Analogous

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



153, 121, 150



165, 118, 133



167, 119, 115

Triad

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



165, 118, 133



99, 135, 108



85, 116, 161

Complementary

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



165, 118, 133



118, 146, 165

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.



78, 111, 147



165, 118, 133



106, 135, 139

Square

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



165, 118, 133



119, 145, 95



87, 117, 141



107, 125, 166

Rectangle

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



165, 118, 133



163, 129, 105



87, 117, 141



81, 114, 157

Sweetspot

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



165, 118, 133



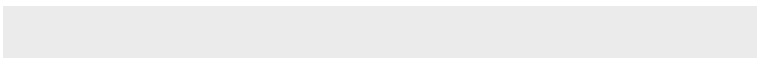
214, 195, 201



149, 118, 165



107, 95, 99



235, 235, 235



107, 107, 107

Same Dimension

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



165, 118, 133



214, 141, 165



165, 128, 118



82, 73, 76



145, 0, 46



18, 0, 6

Inverse Universe

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



165, 118, 133



214, 141, 165



118, 139, 165



82, 73, 76



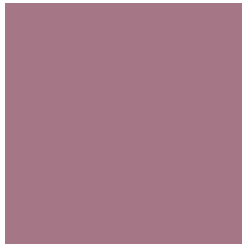
145, 0, 46



18, 0, 6

Previews

White Background



This preview shows how the RYB color 165, 118, 133 looks on a white background.

Color Contrast Check

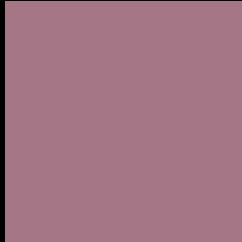
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 118, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

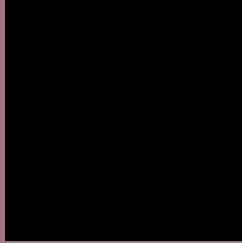
Any Text WCAG AA ✓ Pass

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 165, 118, 133 Background



This preview shows how black text looks on a background with the RYB color 165, 118, 133.



This preview shows how white text looks on a background with the RYB color 165, 118, 133.

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
165, 118, 133

Protanopia
131, 130, 140

Deuteranopia
144, 127, 131



Tritanopia
164, 119, 128

Trichromacy



Original Color
165, 118, 133

Protanomaly
143, 126, 137

Deuteranomaly
152, 124, 132

Tritanomaly
164, 119, 130

Monochromacy



Original Color
165, 118, 133

Achromatopsia
134, 134, 134

Achromatomaly
145, 128, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 118, 133 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(165, 118, 133) looks like.

```
.text, #text, p{  
    color:rgb(165, 118, 133)  
}
```

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(165, 118, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 118, 133) }
```

Border

The CSS property to change the border of an element to RYB 165, 118, 133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

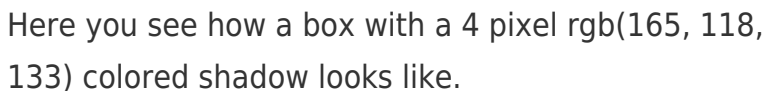
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 118, 133) }
```

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

```
.border{ border-color:rgb(165, 118, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 118, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 118, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 118, 133); box-shadow:4px 4px 4px 4px rgb(165, 118, 133) }
```

Background

The CSS property to change the background color of an element to RYB 165, 118, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 118, 133) }
```

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

```
.background{ background-color: rgb(165,  
118, 133) }
```

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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