Converting Colors

RYB(164, 133, 143)

Have a look what the booklet for RYB(164, 133, 143) contains.

Color

RYB(164, 133, 143)

Conversions

Format	Color
Hex	A4858F
RGB	164, 133, 143
RGB Percent	64%, 52%, 56%
CMY	0.3569, 0.4784, 0.4392
CMYK	0.00, 0.19, 0.13, 0.36
HSL	341°, 15%, 58%
HSV	341°, 19%, 64%
XYZ	28.6553, 26.6507, 29.6204
YIQ	143.4090, 15.2660, 9.6820

Conversions Part 1

Conversions

Conversions Part 2

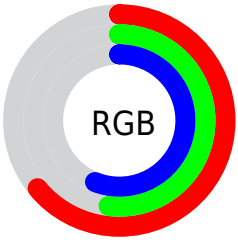
Format	Color
RYB	164, 133, 143
Decimal	10782095
CIELab	58.65, 13.50, -0.88
CIELCh	59, 13.531, 356.253
Yxy	26.6507, 0.3374, 0.3138
Android (android.graphics.Color)	4288972175 (0xFFA4858F)
YUV	143.4090, -0.2016, 18.0583
Hunter-Lab	51.6244, 8.7379, 2.1183

Details

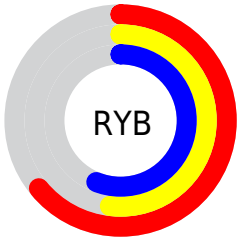
The RYB color 164, 133, 143 is a dark color, and the websafe version is hex CC9999. A complement of this color would be 133, 151, 164, and the grayscale version is 143, 143, 143.

A 20% lighter version of the original color is 219, 186, 197, and 112, 83, 93 is the 20% darker color. If you saturate the color by 10%, you get 164, 117, 132, and if you desaturate by 10%, it is 164, 149, 154.

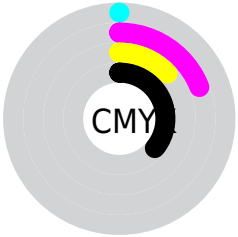
Distribution



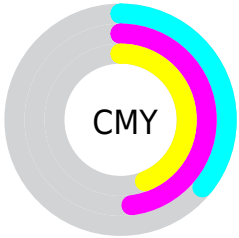
- Red (64%)
- Green (52%)
- Blue (56%)



- Red (64%)
- Yellow (52%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (36%)



- Cyan (36%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 133, 143 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 164, 133, 143 by changing the saturation by 10% instead.

164, 133, 143	164, 133, 143
255, 255, 255	138, 108, 117
219, 186, 197	112, 83, 93
248, 214, 225	87, 60, 69
255, 242, 253	63, 38, 47
	41, 17, 26
	18, 0, 0
	0, 0, 0

164, 133, 143	164, 133, 143
164, 117, 132	164, 149, 154

164, 100, 121	164, 165, 166
164, 84, 110	164, 175, 182
164, 67, 99	164, 185, 199
164, 51, 87	164, 194, 215
164, 35, 76	164, 204, 231
164, 18, 65	164, 214, 248
164, 2, 54	164, 216, 255
164, 0, 53	164, 213, 255

Harmonies

Analogous

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

155, 135, 154

164, 133, 143

166, 133, 131

Triad

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

164, 133, 143

120, 144, 125

114, 133, 160

Complementary

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

164, 133, 143

133, 151, 164

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.

110, 130, 151

164, 133, 143

126, 144, 146

Square

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

164, 133, 143

137, 152, 118

115, 134, 148

126, 138, 164

Rectangle

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

164, 133, 143

164, 139, 124

115, 134, 148

112, 132, 158

Sweetspot

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

164, 133, 143

214, 201, 205

154, 133, 164

107, 100, 102

235, 235, 235

107, 107, 107

Same Dimension

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

164, 133, 143

214, 165, 181

164, 139, 133

82, 73, 76

145, 0, 47

18, 0, 6

Inverse Universe

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

164, 133, 143

214, 165, 181

133, 147, 164

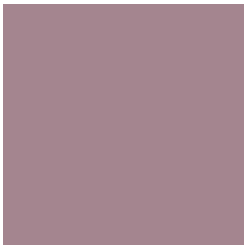
82, 73, 76

145, 0, 47

18, 0, 6

Previews

White Background

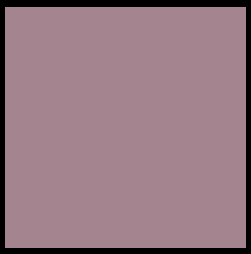


This preview shows how the RYB color 164, 133, 143 looks on a white background.

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



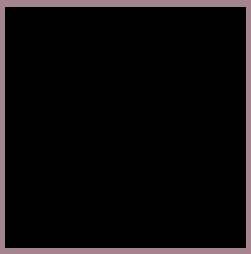
This preview shows how the RYB color 164, 133, 143 looks on a black background.

Color Contrast Check

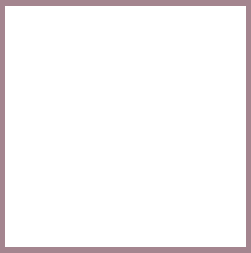
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 164, 133, 143 Background



This preview shows how black text looks on a background with the RYB color 164, 133, 143.



This preview shows how white text looks on a background with the RYB color 164, 133, 143.

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

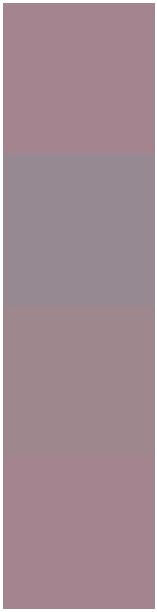
Original Color
164, 133, 143

Protanopia
142, 140, 147

Deuteranopia
154, 137, 142

Tritanopia
164, 133, 143

Trichromacy



Original Color
164, 133, 143

Protanomaly
150, 137, 146

Deuteranomaly
158, 136, 142

Tritanomaly
164, 133, 143

Monochromacy

Original Color
164, 133, 143

Achromatopsia
143, 143, 143

Achromatomaly
151, 139, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 133, 143 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(164, 133, 143) looks like.

```
.text, #text, p{
    color:rgb(164, 133, 143)
}
```

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(164, 133, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 133, 143) }
```

Border

The CSS property to change the border of an element to RYB 164, 133, 143 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(164, 133, 143) }
```

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

```
.border{ border-color:rgb(164, 133, 143) }
```

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

Here you see how a box with a 4 pixel rgb(164, 133, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 133, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 133, 143); box-shadow:4px 4px 4px 4px rgb(164, 133, 143) }
```

Background

The CSS property to change the background color of an element to RYB 164, 133, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(164, 133, 143) }
```

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

```
.background{ background-color:rgb(164,
133, 143) }
```

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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