Converting Colors

RYB(144, 145, 165)

Have a look what the booklet for RYB(144, 145, 165) contains.

Color

RYB(144, 145, 165)

Conversions

Format	Color
	Conversions Part 1
Hex	9091A5
RGB	144, 145, 165
RGB Percent	56%, 57%, 65%
CMY	0.4353, 0.4312, 0.3529
CMYK	0.13, 0.12, 0.00, 0.35
HSL	237°, 10%, 61%
HSV	237°, 13%, 65%
XYZ	28.4262, 28.9120, 39.6797
YIQ	146.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

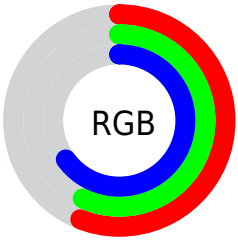
Format	Color
RYB	144, 145, 165
Decimal	9474469
CIELab	60.70, 3.75, -10.61
CIELCh	61, 11.252, 289.478
Yxy	28.9120, 0.2930, 0.2980
Android (android.graphics.Color)	4287664549 (0xFF9091A5)
YUV	146.9810, 8.8834, -2.6143
Hunter-Lab	53.7699, 0.2692, -6.1144

Details

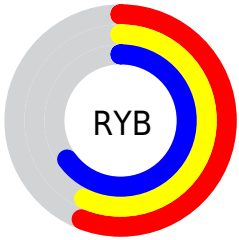
The RYB color 144, 145, 165 is a light color, and the websafe version is hex 999999. A complement of this color would be 145, 165, 144, and the grayscale version is 147, 147, 147.

A 20% lighter version of the original color is 198, 199, 220, and 93, 95, 113 is the 20% darker color. If you saturate the color by 10%, you get 127, 129, 165, and if you desaturate by 10%, it is 160, 161, 165.

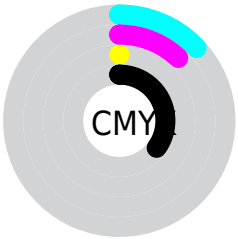
Distribution



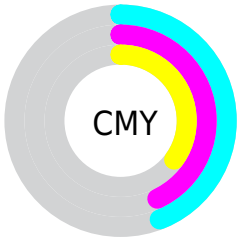
- Red (56%)
- Green (57%)
- Blue (65%)



- Red (56%)
- Yellow (57%)
- Blue (65%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (43%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 145, 165 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 144, 145, 165 by changing the saturation by 10% instead.

144, 145, 165

255, 255, 255

198, 199, 220

226, 227, 249

144, 145, 165

118, 119, 139

93, 95, 113

70, 71, 89

47, 49, 65

26, 28, 43

0, 1, 23

0, 0, 0

144, 145, 165

127, 129, 165

144, 145, 165

160, 161, 165

111, 114, 165

94, 98, 165

78, 82, 165

61, 67, 165

45, 51, 165

28, 35, 165

12, 20, 165

0, 8, 165

166, 177, 165

166, 193, 165

167, 210, 165

168, 226, 165

169, 243, 165

165, 255, 165

Harmonies

Analogous

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

132, 143, 166

144, 145, 165

156, 142, 159

Triad

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

144, 145, 165

165, 146, 132

126, 142, 152

Complementary

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

144, 145, 165

145, 165, 144

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.

133, 151, 148

144, 145, 165

149, 158, 127

Square

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

144, 145, 165

168, 140, 140

128, 148, 128

121, 137, 153

Rectangle

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

144, 145, 165

162, 140, 154

128, 148, 128

129, 145, 152

Sweetspot

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

144, 145, 165

206, 206, 214

144, 155, 165

102, 102, 107

235, 235, 235

107, 107, 107

Same Dimension

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

144, 145, 165

182, 184, 214

153, 144, 165

73, 74, 82

0, 7, 145

0, 1, 18

Inverse Universe

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

165, 144, 145

214, 182, 184

144, 165, 153

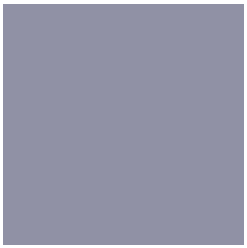
82, 73, 74

145, 0, 7

18, 0, 1

Previews

White Background

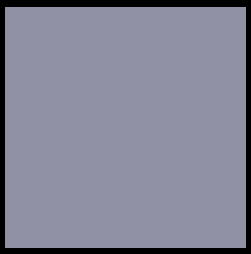


This preview shows how the RYB color 144, 145, 165 looks on a white background.

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



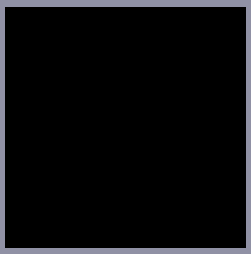
This preview shows how the RYB color 144, 145, 165 looks on a black background.

Color Contrast Check

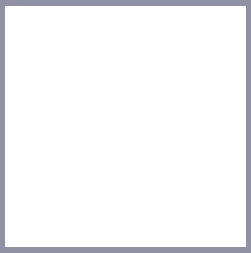
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RYB 144, 145, 165 Background



This preview shows how black text looks on a background with the RYB color 144, 145, 165.

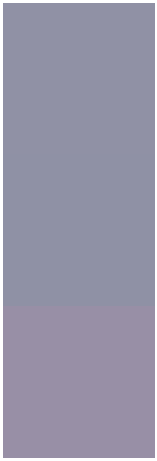


This preview shows how white text looks on a background with the RYB color 144, 145, 165.

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



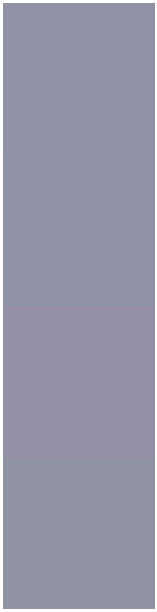
Original Color
144, 145, 165

Protanopia
143, 145, 165

Deuteranopia
152, 143, 166

Tritanopia
143, 146, 158

Trichromacy



Original Color
144, 145, 165

Protanomaly
143, 145, 165

Deuteranomaly
149, 144, 166

Tritanomaly
143, 146, 161

Monochromacy

Original Color
144, 145, 165

Achromatopsia
147, 147, 147

Achromatomaly
146, 146, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 145, 165 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(144, 145, 165) looks like.

```
.text, #text, p{
    color:rgb(144, 145, 165)
}
```

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(144, 145, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 145, 165) }
```

Border

The CSS property to change the border of an element to RYB 144, 145, 165 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(144, 145, 165) }
```

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

```
.border{ border-color:rgb(144, 145, 165) }
```

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

Here you see how a box with a 4 pixel rgb(144, 145, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 145, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 145, 165); box-shadow:4px 4px 4px 4px rgb(144, 145, 165) }
```

Background

The CSS property to change the background color of an element to RYB 144, 145, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(144, 145, 165) }
```

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

```
.background{ background-color:rgb(144,
145, 165) }
```

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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