

Converting Colors

`RYB(144, 145, 169)`

Have a look what the booklet for RYB(144, 145, 169) contains.

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Color

R_YB(144, 145, 169)

Conversions

Conversions Part 1

Format	Color
Hex	9091A9
RGB	144, 145, 169
RGB Percent	56%, 57%, 66%
CMY	0.4353, 0.4312, 0.3373
CMYK	0.15, 0.14, 0.00, 0.34
HSL	238°, 13%, 61%
HSV	238°, 15%, 66%
XYZ	28.7948, 29.0574, 41.6271
YIQ	147.4370, -8.3000, 7.2520

Conversions

Conversions Part 2

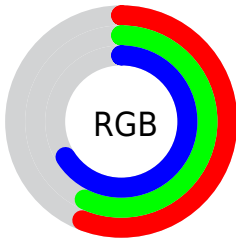
Format	Color
RYB	144, 145, 169
Decimal	9474473
CIELab	60.83, 4.64, -12.69
CIELCh	61, 13.508, 290.080
Yxy	29.0574, 0.2895, 0.2921
Android (android.graphics.Color)	4287664553 (0xFF9091A9)
YUV	147.4370, 10.6306, -3.0142
Hunter-Lab	53.9049, 1.0171, -8.0522

Details

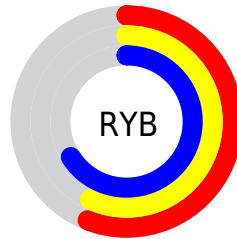
The RYB color **144, 145, 169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **145, 169, 144**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **198, 199, 224**, and **93, 95, 117** is the 20% darker color. If you saturate the color by 10%, you get **127, 129, 169**, and if you desaturate by 10%, it is **161, 161, 169**.

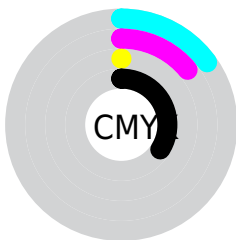
Distribution



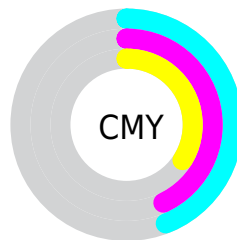
- Red (56%)
- Green (57%)
- Blue (66%)



- Red (56%)
- Yellow (57%)
- Blue (66%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (34%)



- Cyan (44%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 145, 169 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, 169 by changing the saturation by 10% instead.

■ 144, 145, 169

255, 255, 255

■ 198, 199, 224

■ 226, 227, 253

■ 144, 145, 169

■ 118, 119, 143

■ 93, 95, 117

■ 70, 71, 92

■ 47, 49, 69

■ 25, 28, 46

■ 1, 1, 26

■ 0, 0, 0

■ 144, 145, 169

■ 127, 129, 169

■ 144, 145, 169

■ 161, 161, 169

■ 110, 113, 169

■ 170, 178, 169

■ 93, 96, 169

■ 170, 195, 169

■ 76, 80, 169

■ 171, 212, 169

■ 59, 64, 169

■ 171, 228, 169

■ 43, 48, 169

■ 172, 245, 169

■ 26, 32, 169

■ 169, 255, 169

■ 9, 15, 169

■ 0, 7, 169

Harmonies

Analogous

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



129, 142, 170



144, 145, 169



158, 141, 162

Triad

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



144, 145, 169



169, 146, 129



122, 142, 154

Complementary

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



144, 145, 169



145, 169, 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.



131, 152, 149



144, 145, 169



150, 160, 124

Square

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



144, 145, 169



172, 139, 139



124, 148, 124



116, 135, 154

Rectangle

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



144, 145, 169



166, 139, 155



124, 148, 124



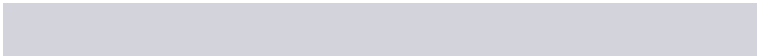
126, 145, 153

Sweetspot

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



144, 145, 169



211, 211, 219



144, 157, 169



104, 104, 110



237, 237, 237



110, 110, 110

Same Dimension

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



144, 145, 169



180, 181, 219



155, 144, 169



76, 76, 84



0, 6, 148



0, 1, 20

Inverse Universe

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



169, 144, 145



219, 180, 181



144, 169, 155



84, 76, 76



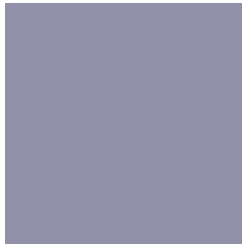
148, 0, 6



20, 0, 1

Previews

White Background



This preview shows how the RYB color 144, 145, 169 looks on a white background.

Color Contrast Check

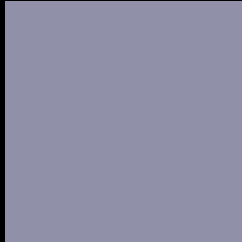
Large Text (above 18pt) WCAG AA ✓ Pass

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, 169 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](#).

RYP 144, 145, 169 Background



This preview shows how black text looks on a background with the RYP color 144, 145, 169.



This preview shows how white text looks on a background with the RYP color 144, 145, 169.

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](#), [169](#)

Protanopia

[142](#), [145](#), [169](#)

Deuteranopia

[150](#), [143](#), [169](#)



Tritanopia
142, 146, 158

Trichromacy



Original Color

144, 145, 169

Protanomaly

143, 145, 169

Deuteranomaly

148, 144, 169

Tritanomaly

143, 146, 162

Monochromacy



Original Color

144, 145, 169

Achromatopsia

147, 147, 147

Achromatomaly

146, 146, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 144, 145, 169 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, 169) looks like.

```
.text, #text, p{  
    color:rgb(144, 145, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 145, 169) }
```

Border

The CSS property to change the border of an element to RYB 144, 145, 169 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, 169) }
```

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

```
.border{ border-color:rgb(144, 145, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 145, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 145, 169);  
box-shadow:4px 4px 4px 4px rgb(144, 145,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 144, 145, 169 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, 169) }
```

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

```
.background{ background-color: rgb(144,  
145, 169) }
```

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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