

Converting Colors

`RYB(142, 135, 150)`

Have a look what the booklet for
RYB(142, 135, 150) contains.

RYB(142, 135, 150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(142, 135, 150)

Conversions

Conversions Part 1

Format	Color
Hex	8E8796
RGB	142, 135, 150
RGB Percent	56%, 53%, 59%
CMY	0.4431, 0.4706, 0.4118
CMYK	0.05, 0.10, 0.00, 0.41
HSL	268°, 7%, 56%
HSV	268°, 10%, 59%
XYZ	25.3243, 25.2807, 32.3991
YIQ	138.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

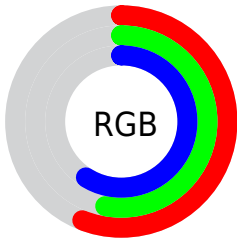
Format	Color
R_{YB}	142, 135, 150
Decimal	9340822
CIE _{Lab}	57.35, 5.58, -7.06
CIE _{LCh}	57, 9.002, 308.338
Yxy	25.2807, 0.3051, 0.3046
Android (android.graphics.Color)	4287530902 (0xFF8E8796)
YUV	138.8030, 5.5201, 2.8038
Hunter-Lab	50.2800, 1.9145, -3.0090

Details

The RYB color **142, 135, 150** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **135, 150, 142**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **196, 188, 204**, and **92, 85, 99** is the 20% darker color. If you saturate the color by 10%, you get **134, 120, 150**, and if you desaturate by 10%, it is **150, 150, 150**.

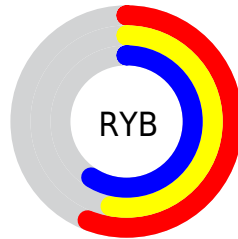
Distribution



Red (56%)

Green (53%)

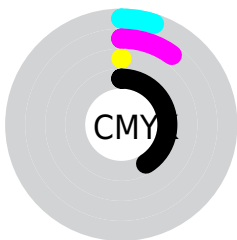
Blue (59%)



Red (56%)

Yellow (53%)

Blue (59%)

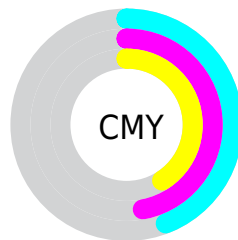


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (41%)



Cyan (44%)

Magenta (47%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 135, 150 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 142, 135, 150 by changing the saturation by 10% instead.


 142, 135, 150

255, 255, 255

 196, 188, 204

 224, 216, 232

 252, 244, 255

 142, 135, 150

 116, 110, 124

 92, 85, 99

 68, 62, 75


 46, 40, 53


 25, 20, 32

 0, 0, 6

 0, 0, 0

 142, 135, 150

 134, 120, 150

 142, 135, 150

 150, 150, 150

■ 126, 105, 150

■ 150, 165, 157

■ 118, 90, 150

■ 150, 180, 164

■ 110, 75, 150

■ 150, 195, 171

■ 102, 60, 150

■ 150, 210, 178

■ 94, 45, 150

■ 150, 225, 185

■ 86, 30, 150

■ 150, 240, 192

■ 78, 15, 150

■ 150, 255, 199

■ 70, 0, 150

■ 150, 255, 191

Harmonies

Analogous

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



132, 137, 153



142, 135, 150



150, 133, 144

Triad

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



142, 135, 150



150, 145, 123



119, 131, 142

Complementary

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



142, 135, 150



135, 150, 142

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.



124, 136, 142



142, 135, 150



127, 142, 122

Square

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



142, 135, 150



154, 134, 128



125, 140, 132



118, 131, 147

Rectangle

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



142, 135, 150



153, 132, 138



125, 140, 132



120, 132, 142

Sweetspot

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



142, 135, 150



191, 188, 194



135, 140, 150



95, 93, 97



224, 224, 224



97, 97, 97

Same Dimension

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



142, 135, 150



181, 171, 194



150, 135, 150



70, 67, 74



64, 0, 138



5, 0, 10

Inverse Universe

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



150, 135, 143



194, 171, 183



135, 150, 149



74, 67, 70



138, 0, 73



10, 0, 5

Previews

White Background



This preview shows how the RYB color 142, 135, 150 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 142, 135, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

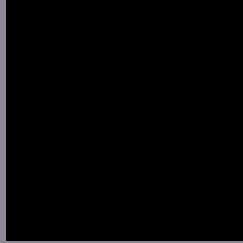
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

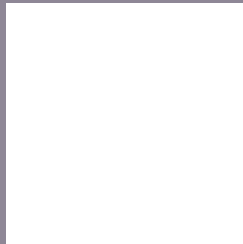
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 142, 135, 150 Background



This preview shows how black text looks on a background with the RYB color 142, 135, 150.



This preview shows how white text looks on a background with the RYB color 142, 135, 150.

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

142, 135, 150

Protanopia

136, 137, 151

Deuteranopia

145, 134, 150



Tritanopia

141, 136, 146

Trichromacy



Original Color

142, 135, 150

Protanomaly

138, 136, 151

Deuteranomaly

144, 134, 150

Tritanomaly

141, 136, 147

Monochromacy



Original Color

142, 135, 150

Achromatopsia

139, 139, 139

Achromatomaly

140, 138, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 135, 150 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(142, 135, 150) looks like.

```
.text, #text, p{  
    color:rgb(142, 135, 150)  
}
```

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(142, 135, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 135, 150) }
```

Border

The CSS property to change the border of an element to RYB 142, 135, 150 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(142, 135, 150) }
```

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

```
.border{ border-color:rgb(142, 135, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 135, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 135, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 135, 150);  
box-shadow:4px 4px 4px 4px rgb(142, 135,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 142, 135, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 135, 150) }
```

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

```
.background{ background-color: rgb(142,  
135, 150) }
```

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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