

Converting Colors

`RYB(145, 135, 142)`

Have a look what the booklet for
RYB(145, 135, 142) contains.

RYB(145, 135, 142)	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(145, 135, 142)

Conversions

Conversions Part 1

Format	Color
Hex	91878E
RGB	145, 135, 142
RGB Percent	57%, 53%, 56%
CMY	0.4314, 0.4706, 0.4431
CMYK	0.00, 0.07, 0.02, 0.43
HSL	318°, 4%, 55%
HSV	318°, 7%, 57%
XYZ	25.2235, 25.3007, 29.1453
YIQ	138.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

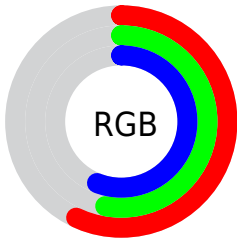
Format	Color
RYB	145, 135, 142
Decimal	9537422
CIELab	57.37, 5.07, -2.40
CIELCh	57, 5.612, 334.693
Yxy	25.3007, 0.3166, 0.3176
Android (android.graphics.Color)	4287727502 (0xFF91878E)
YUV	138.7880, 1.5835, 5.4479
Hunter-Lab	50.2998, 1.4866, 0.8553

Details

The RYB color **145, 135, 142** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **135, 143, 145**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **199, 188, 196**, and **95, 85, 92** is the 20% darker color. If you saturate the color by 10%, you get **145, 121, 138**, and if you desaturate by 10%, it is **145, 148, 149**.

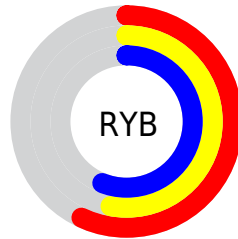
Distribution



Red (57%)

Green (53%)

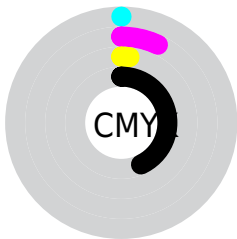
Blue (56%)



Red (57%)

Yellow (53%)

Blue (56%)

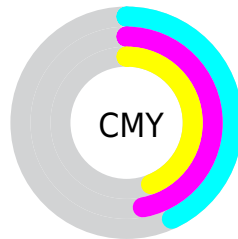


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (43%)



Cyan (43%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 135, 142 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 145, 135, 142 by changing the saturation by 10% instead.

 145, 135, 142


255, 255, 255

 199, 188, 196

 227, 216, 224

 255, 244, 252

 145, 135, 142

 119, 110, 116

 95, 85, 92

 71, 62, 68

 49, 40, 46

 28, 20, 26

 0, 0, 0


 145, 135, 142

 145, 121, 138

 145, 106, 133

 145, 135, 142

 145, 148, 149

 145, 159, 164

■ 145, 92, 129

■ 145, 171, 179

■ 145, 77, 125

■ 145, 182, 193

■ 145, 62, 120

■ 145, 193, 208

■ 145, 48, 116

■ 145, 204, 222

■ 145, 34, 112

■ 145, 216, 237

■ 145, 19, 107

■ 145, 226, 251

■ 145, 5, 103

■ 145, 228, 255

Harmonies

Analogous

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



140, 136, 146



145, 135, 142



148, 134, 137

Triad

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



145, 135, 142



132, 141, 128



126, 134, 143

Complementary

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



145, 135, 142



135, 143, 145

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.



127, 135, 141



145, 135, 142



130, 139, 134

Square

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



145, 135, 142



146, 141, 129



130, 138, 140



129, 135, 146

Rectangle

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



145, 135, 142



149, 135, 134



130, 138, 140



126, 134, 142

Sweetspot

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



145, 135, 142



189, 185, 188



138, 135, 145



94, 92, 94



222, 222, 222



94, 94, 94

Same Dimension

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



145, 135, 142



189, 174, 184



145, 135, 137



71, 64, 69



135, 0, 95



8, 0, 5

Inverse Universe

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



145, 135, 142



189, 174, 184



135, 141, 145



71, 64, 69



135, 0, 95



8, 0, 5

Previews

White Background



This preview shows how the RYB color 145, 135, 142 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 145, 135, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

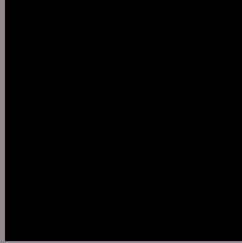
Any Text WCAG AA ✓ Pass

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 145, 135, 142 Background



This preview shows how black text looks on a background with the RYB color 145, 135, 142.



This preview shows how white text looks on a background with the RYB color 145, 135, 142.

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](#).

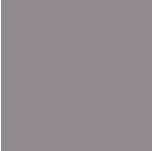
Dichromacy



Original Color
[145](#), [135](#), [142](#)

Protanopia
[139](#), [137](#), [143](#)

Deuteranopia
[149](#), [134](#), [142](#)



Tritanopia
145, 135, 145

Trichromacy



Original Color

145, 135, 142

Protanomaly

141, 136, 143

Deuteranomaly

148, 134, 142

Tritanomaly

145, 135, 144

Monochromacy



Original Color

145, 135, 142

Achromatopsia

139, 139, 139

Achromatomaly

141, 138, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 135, 142 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(145, 135, 142) looks like.

```
.text, #text, p{  
    color:rgb(145, 135, 142)  
}
```

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(145, 135, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 135, 142) }
```

Border

The CSS property to change the border of an element to RYB 145, 135, 142 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(145, 135, 142) }
```

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

```
.border{ border-color:rgb(145, 135, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 135, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 135, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 135, 142);  
box-shadow:4px 4px 4px 4px rgb(145, 135,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 145, 135, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 135, 142) }
```

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

```
.background{ background-color: rgb(145,  
135, 142) }
```

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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