

Converting Colors

`RYB(140, 138, 145)`

Have a look what the booklet for
RYB(140, 138, 145) contains.

RYB(140, 138, 145)	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(140, 138, 145)

Conversions

Conversions Part 1

Format	Color
Hex	8C8A91
RGB	140, 138, 145
RGB Percent	55%, 54%, 57%
CMY	0.4510, 0.4588, 0.4314
CMYK	0.03, 0.05, 0.00, 0.43
HSL	257°, 3%, 55%
HSV	257°, 5%, 57%
XYZ	25.0145, 25.7967, 30.4489
YIQ	139.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

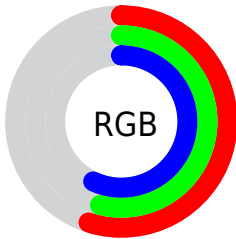
Format	Color
R_{YB}	140, 138, 145
Decimal	9210513
CIE Lab	57.84, 2.13, -3.47
CIE LCh	58, 4.073, 301.532
Yxy	25.7967, 0.3078, 0.3175
Android (android.graphics.Color)	4287400593 (0xFF8C8A91)
YUV	139.3960, 2.7628, 0.5297
Hunter-Lab	50.7905, -0.9714, 0.0090

Details

The RYB color **140, 138, 145** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **138, 145, 140**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **194, 191, 199**, and **90, 88, 95** is the 20% darker color. If you saturate the color by 10%, you get **130, 123, 145**, and if you desaturate by 10%, it is **145, 153, 148**.

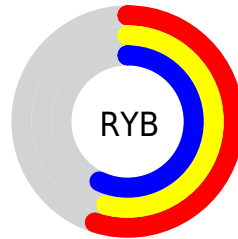
Distribution



Red (55%)

Green (54%)

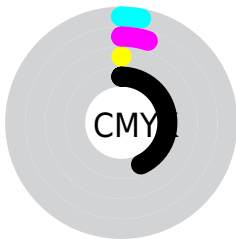
Blue (57%)



Red (55%)

Yellow (54%)

Blue (57%)

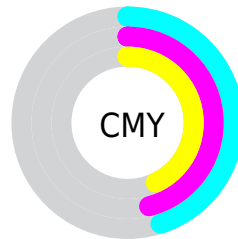


Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (43%)



Cyan (45%)


Magenta (46%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the RYB color 140, 138, 145 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 140, 138, 145 by changing the saturation by 10% instead.


 140, 138, 145

255, 255, 255

 194, 191, 199

 221, 219, 227

 250, 248, 255

 140, 138, 145

 115, 113, 119


 90, 88, 95


 67, 65, 71

 44, 43, 49


 24, 22, 28

 0, 0, 0

 140, 138, 145

 130, 123, 145

 119, 109, 145

 140, 138, 145

 145, 153, 148

 145, 167, 151

■ 109, 94, 145

■ 145, 181, 155

■ 99, 80, 145

■ 145, 196, 160

■ 88, 66, 145

■ 145, 211, 164

■ 78, 51, 145

■ 145, 225, 168

■ 68, 36, 145

■ 145, 239, 172

■ 57, 22, 145

■ 145, 254, 176

■ 47, 7, 145

■ 145, 255, 167

Harmonies

Analogous

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



136, 138, 146



140, 138, 145



144, 137, 142

Triad

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



140, 138, 145



145, 142, 133



131, 137, 141

Complementary

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



140, 138, 145



138, 145, 140

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.



134, 140, 141



140, 138, 145



136, 142, 132

Square

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



140, 138, 145



147, 137, 135



133, 140, 135



131, 136, 143

Rectangle

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



140, 138, 145



146, 137, 140



133, 140, 135



132, 137, 141

Sweetspot

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



140, 138, 145



187, 187, 189



138, 141, 145



94, 93, 94



222, 222, 222



94, 94, 94

Same Dimension

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



140, 138, 145



181, 177, 189



143, 138, 145



68, 66, 71



39, 0, 135



2, 0, 8

Inverse Universe

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



145, 138, 143



189, 177, 185



138, 145, 143



71, 66, 70



135, 0, 97



8, 0, 5

Previews

White Background



This preview shows how the RYB color 140, 138, 145 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 140, 138, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

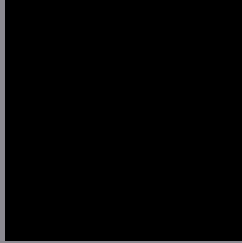
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

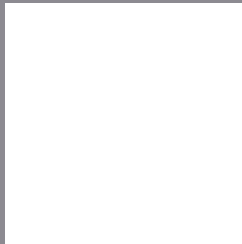
Any Text WCAG AAA × Fail

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

RYP 140, 138, 145 Background



This preview shows how black text looks on a background with the RYP color 140, 138, 145.



This preview shows how white text looks on a background with the RYP color 140, 138, 145.

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
[140](#), [138](#), [145](#)

Protanopia
[140](#), [138](#), [145](#)

Deuteranopia
[149](#), [135](#), [146](#)



Tritanopia

141, 137, 148

Trichromacy



Original Color

140, 138, 145

Protanomaly

140, 138, 145

Deuteranomaly

146, 136, 146

Tritanomaly

141, 137, 147

Monochromacy



Original Color

140, 138, 145

Achromatopsia

139, 139, 139

Achromatomaly

139, 139, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 138, 145 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(140, 138, 145) looks like.

```
.text, #text, p{  
    color:rgb(140, 138, 145)  
}
```

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(140, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 138, 145) }
```

Border

The CSS property to change the border of an element to RYB 140, 138, 145 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(140, 138, 145) }
```

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

```
.border{ border-color:rgb(140, 138, 145) }
```

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

Here you see how a box with a 4 pixel rgb(140, 138, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 138, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 138, 145);  
box-shadow:4px 4px 4px 4px rgb(140, 138,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 140, 138, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 138, 145) }
```

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

```
.background{ background-color: rgb(140,  
138, 145) }
```

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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