

Converting Colors

`RYB(140, 135, 136)`

Have a look what the booklet for
RYB(140, 135, 136) contains.

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Color

R_YB(140, 135, 136)

Conversions

Conversions Part 1

Format	Color
Hex	8C8788
RGB	140, 135, 136
RGB Percent	55%, 53%, 53%
CMY	0.4510, 0.4706, 0.4667
CMYK	0.00, 0.04, 0.03, 0.45
HSL	348°, 2%, 54%
HSV	348°, 4%, 55%
XYZ	23.9231, 24.6810, 26.7956
YIQ	136.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

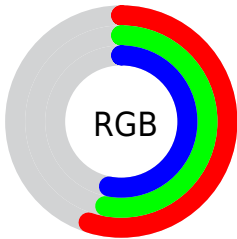
Format	Color
R_{YB}	140, 135, 136
Decimal	9209736
CIE _{Lab}	56.76, 2.06, 0.12
CIE _{LCh}	57, 2.061, 3.372
Yxy	24.6810, 0.3173, 0.3273
Android (android.graphics.Color)	4287399816 (0xFF8C8788)
YUV	136.6090, -0.3002, 2.9739
Hunter-Lab	49.6799, -0.9841, 2.7971

Details

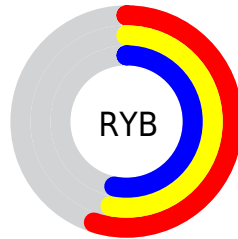
The RYB color **140, 135, 136** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **135, 138, 140**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **194, 188, 189**, and **90, 85, 86** is the 20% darker color. If you saturate the color by 10%, you get **140, 121, 125**, and if you desaturate by 10%, it is **140, 145, 149**.

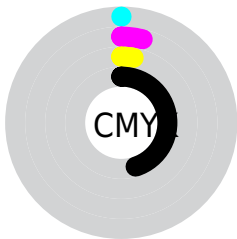
Distribution



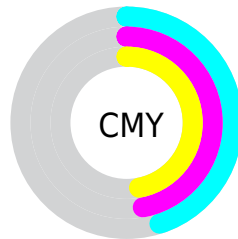
- Red (55%)
- Green (53%)
- Blue (53%)



- Red (55%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (45%)



- Cyan (45%)
- Magenta (47%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the RYB color 140, 135, 136 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, 135, 136 by changing the saturation by 10% instead.

 140, 135, 136

255, 255, 255

 194, 188, 189

 221, 216, 217

 250, 244, 245

 140, 135, 136

 115, 110, 111


 90, 85, 86

 67, 62, 63

 44, 40, 41

 24, 20, 21

 0, 0, 0

 140, 135, 136

 140, 121, 125

 140, 107, 114

 140, 135, 136

 140, 145, 149

 140, 153, 163

■ 140, 93, 102

■ 140, 160, 177

■ 140, 79, 91

■ 140, 168, 191

■ 140, 65, 80

■ 140, 176, 205

■ 140, 51, 69

■ 140, 184, 219

■ 140, 37, 58

■ 140, 192, 233

■ 140, 23, 46

■ 140, 199, 247

■ 140, 9, 35

■ 140, 202, 255

Harmonies

Analogous

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



139, 135, 138



140, 135, 136



140, 135, 134

Triad

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



140, 135, 136



133, 137, 135



133, 135, 139

Complementary

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



140, 135, 136



135, 138, 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.



132, 135, 138



140, 135, 136



133, 136, 137

Square

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



140, 135, 136



136, 138, 133



132, 135, 137



135, 136, 140

Rectangle

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



140, 135, 136



140, 136, 133



132, 135, 137



132, 135, 139

Sweetspot

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



140, 135, 136



181, 179, 180



139, 135, 140



92, 91, 91



219, 219, 219



92, 92, 92

Same Dimension

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



140, 135, 136



181, 174, 175



140, 138, 135



69, 65, 66



133, 0, 27



5, 0, 1

Inverse Universe

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



140, 135, 136



181, 174, 175



135, 137, 140



69, 65, 66



133, 0, 27



5, 0, 1

Previews

White Background



This preview shows how the RYB color 140, 135, 136 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, 135, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

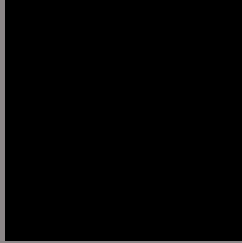
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

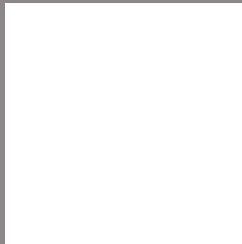
Any Text WCAG AAA × Fail

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

RYB 140, 135, 136 Background



This preview shows how black text looks on a background with the RYB color 140, 135, 136.



This preview shows how white text looks on a background with the RYB color 140, 135, 136.

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, 135, 136

Protanopia

138, 135, 136

Deuteranopia

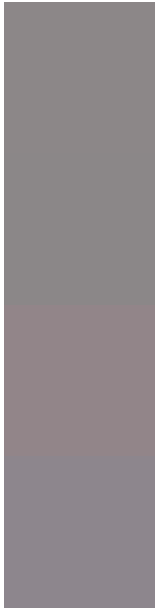
149, 132, 137



Tritanopia

141, 134, 144

Trichromacy



Original Color

140, 135, 136

Protanomaly

139, 135, 136

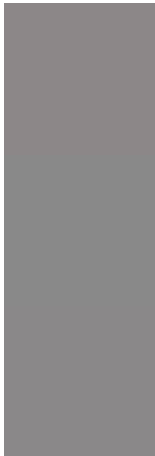
Deuteranomaly

146, 133, 137

Tritanomaly

141, 134, 141

Monochromacy



Original Color

140, 135, 136

Achromatopsia

137, 137, 137

Achromatomaly

138, 136, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 135, 136 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, 135, 136) looks like.

```
.text, #text, p{  
    color:rgb(140, 135, 136)  
}
```

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, 135, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 135, 136) }
```

Border

The CSS property to change the border of an element to RYB 140, 135, 136 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, 135, 136) }
```

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

```
.border{ border-color:rgb(140, 135, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 135, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 135, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 135, 136);  
box-shadow:4px 4px 4px 4px rgb(140, 135,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 140, 135, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 135, 136) }
```

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

```
.background{ background-color: rgb(140,  
135, 136) }
```

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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