

Converting Colors

`RYB(137, 145, 145)`

Have a look what the booklet for
RYB(137, 145, 145) contains.

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Color

R_YB(137, 145, 145)

Conversions

Conversions Part 1

Format	Color
Hex	899189
RGB	137, 145, 137
RGB Percent	54%, 57%, 54%
CMY	0.4627, 0.4314, 0.4627
CMYK	0.06, 0.00, 0.06, 0.43
HSL	120°, 4%, 55%
HSV	120°, 6%, 57%
XYZ	24.9573, 27.3753, 27.6355
YIQ	141.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

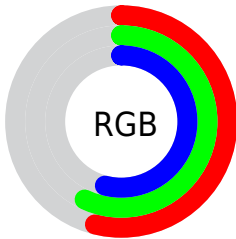
Format	Color
R_{YB}	137, 145, 145
Decimal	9015689
CIE Lab	59.32, -4.48, 3.23
CIE LCh	59, 5.524, 144.174
Yxy	27.3753, 0.3121, 0.3423
Android (android.graphics.Color)	4287205769 (0xFF899189)
YUV	141.6960, -2.3151, -4.1184
Hunter-Lab	52.3214, -6.4181, 5.3088

Details

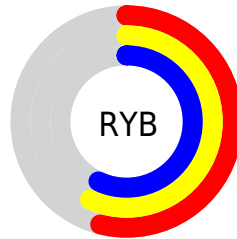
The RYB color `137, 145, 145` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `145, 137, 145`, and the grayscale version is `142, 142, 142`.

A 20% lighter version of the original color is `190, 199, 199`, and `87, 95, 95` is the 20% darker color. If you saturate the color by 10%, you get `123, 145, 145`, and if you desaturate by 10%, it is `152, 145, 152`.

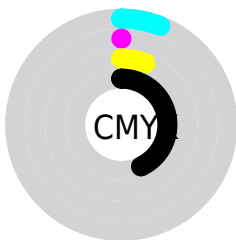
Distribution



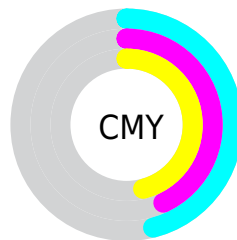
- Red (54%)
- Green (57%)
- Blue (54%)



- Red (54%)
- Yellow (57%)
- Blue (57%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (43%)



- Cyan (46%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the RYB color 137, 145, 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 137, 145, 145 by changing the saturation by 10% instead.

 137, 145, 145

 137, 145, 145

255, 255, 255

 112, 119, 119

 190, 199, 199

 87, 95, 95

 218, 227, 227


 64, 71, 71

 247, 255, 255

 42, 49, 49

 22, 28, 28

 0, 0, 0

 137, 145, 145


 137, 145, 145

 123, 145, 145

 152, 145, 152

 108, 145, 145


 166, 145, 166


 94, 145, 145


 180, 145, 180

 79, 145, 145


 195, 145, 195

 65, 145, 145


 209, 145, 209

 50, 145, 145

 224, 145, 224

 35, 145, 145

 239, 145, 239

 21, 145, 145

 253, 145, 253

 6, 145, 145

 255, 145, 255

Harmonies

Analogous

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



134, 144, 135



137, 145, 145



133, 141, 146

Triad

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



137, 145, 145



137, 141, 152



154, 140, 139

Complementary

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



137, 145, 145



145, 137, 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.



152, 140, 144



137, 145, 145



143, 142, 152

Square

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



137, 145, 145



133, 140, 150



148, 140, 149



152, 144, 135

Rectangle

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



137, 145, 145



131, 139, 146



148, 140, 149



153, 140, 141

Sweetspot

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



137, 145, 145



185, 189, 189



137, 145, 137



92, 94, 94



222, 222, 222



94, 94, 94

Same Dimension

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



137, 145, 145



175, 189, 189



137, 142, 145



66, 71, 71



0, 135, 135



0, 8, 8

Inverse Universe

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



145, 137, 145



189, 175, 189



145, 137, 141



71, 66, 71



135, 0, 135



8, 0, 8

Previews

White Background



This preview shows how the RYB color 137, 145, 145 looks on a white background.

Color Contrast Check

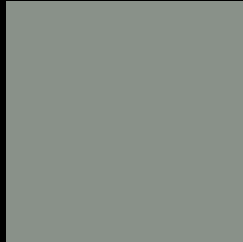
Large Text (above 18pt) WCAG AA ✓ Pass

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 137, 145, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

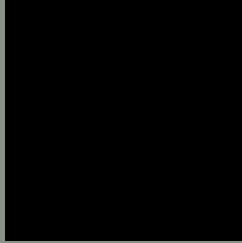
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

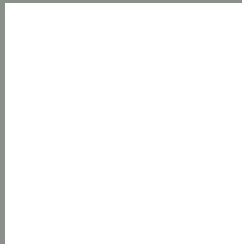
Any Text WCAG AAA × Fail

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

R Y B 137, 145, 145 Background



This preview shows how black text looks on a background with the R Y B color 137, 145, 145.



This preview shows how white text looks on a background with the R Y B color 137, 145, 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
137, 145, 145

Protanopia
144, 147, 135

Deuteranopia
158, 138, 138



Tritanopia
140, 142, 154

Trichromacy



Original Color

137, 145, 145

Protanomaly

136, 143, 136

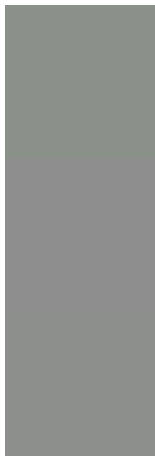
Deuteranomaly

150, 142, 138

Tritanomaly

139, 142, 148

Monochromacy



Original Color

137, 145, 145

Achromatopsia

142, 142, 142

Achromatomaly

140, 143, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 145, 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(137, 145, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 145, 137)  
}
```

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(137, 145, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 145, 137) }
```

Border

The CSS property to change the border of an element to RYB 137, 145, 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(137, 145, 137) }
```

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

```
.border{ border-color:rgb(137, 145, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 145, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 145, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 145, 137);  
box-shadow:4px 4px 4px 4px rgb(137, 145,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 137, 145, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 145, 137) }
```

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

```
.background{ background-color: rgb(137,  
145, 137) }
```

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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