

Converting Colors

`RYB(159, 155, 137)`

Have a look what the booklet for
RYB(159, 155, 137) contains.

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Color

R_YB(159, 155, 137)

Conversions

Conversions Part 1

Format	Color
Hex	9F9389
RGB	159, 147, 137
RGB Percent	62%, 58%, 54%
CMY	0.3765, 0.4239, 0.4627
CMYK	0.00, 0.08, 0.14, 0.38
HSL	27°, 10%, 58%
HSV	27°, 14%, 62%
XYZ	29.2316, 30.0134, 27.9194
YIQ	149.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

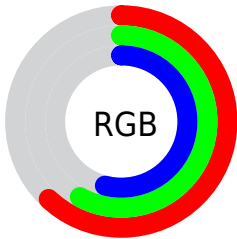
Format	Color
RYB	159, 155, 137
Decimal	10457993
CIELab	61.67, 2.73, 6.85
CIELCh	62, 7.372, 68.226
Yxy	30.0134, 0.3354, 0.3443
Android (android.graphics.Color)	4288648073 (0xFF9F9389)
YUV	149.4480, -6.1369, 8.3771
Hunter-Lab	54.7845, -0.6299, 8.1336

Details

The RYB color **159, 155, 137** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **137, 145, 159**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **214, 210, 190**, and **107, 107, 87** is the 20% darker color. If you saturate the color by 10%, you get **159, 152, 121**, and if you desaturate by 10%, it is **159, 159, 153**.

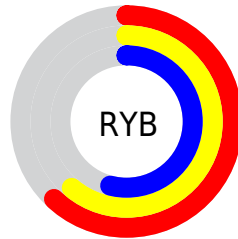
Distribution



Red (62%)

Green (58%)

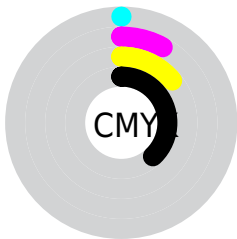
Blue (54%)



Red (62%)

Yellow (61%)

Blue (54%)

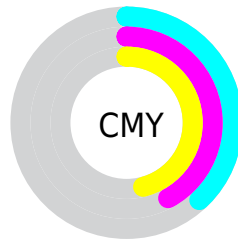


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 155, 137 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 159, 155, 137 by changing the saturation by 10% instead.

 159, 155, 137

255, 255, 255

 214, 210, 190


 242, 238, 218

 247, 255, 247

 159, 155, 137

 133, 128, 112

 107, 103, 87


 83, 81, 64

 60, 56, 42

 38, 34, 22

 16, 5, 0

 0, 0, 0

 159, 155, 137

 159, 152, 121

 159, 155, 137


 159, 159, 153

 159, 148, 105


 159, 162, 169

 159, 148, 89


 159, 168, 185

 159, 144, 73

 159, 174, 201

 159, 141, 57


 159, 180, 217

 159, 136, 42

 159, 185, 232

 159, 135, 26

 159, 191, 248

 159, 132, 10

 159, 195, 255

 159, 132, 0

 159, 198, 255

Harmonies

Analogous

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



163, 146, 141



159, 155, 137



141, 153, 136

Triad

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



159, 155, 137



134, 144, 153



153, 147, 159

Complementary

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



159, 155, 137



137, 145, 159

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.



144, 148, 162



159, 155, 137



133, 144, 157

Square

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



159, 155, 137



138, 148, 152



137, 146, 161



159, 145, 154

Rectangle

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



159, 155, 137



137, 150, 139



137, 146, 161



150, 147, 160

Sweetspot

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



159, 155, 137



207, 205, 198



159, 137, 149



105, 105, 99



232, 232, 232



105, 105, 105

Same Dimension

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



159, 155, 137



207, 200, 171



138, 159, 137



79, 79, 71



143, 116, 0



15, 13, 0

Inverse Universe

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



137, 145, 159



171, 184, 207



137, 138, 159



71, 74, 79



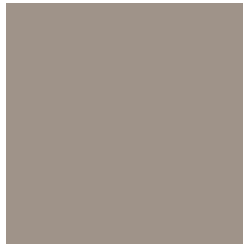
0, 51, 143



0, 5, 15

Previews

White Background



This preview shows how the RYB color 159, 155, 137 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 159, 155, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

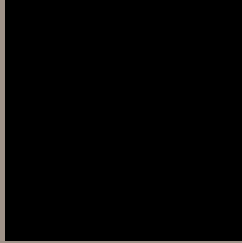
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

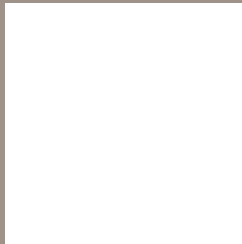
Any Text WCAG AAA ✓ Pass

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

RYB 159, 155, 137 Background



This preview shows how black text looks on a background with the RYB color 159, 155, 137.



This preview shows how white text looks on a background with the RYB color 159, 155, 137.

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
159, 155, 137

Protanopia
148, 154, 138

Deuteranopia
168, 146, 138



Tritanopia
161, 144, 155

Trichromacy



Original Color
159, 155, 137

Protanomaly
152, 156, 138

Deuteranomaly
165, 147, 138

Tritanomaly
160, 145, 148

Monochromacy



Original Color
159, 155, 137

Achromatopsia
149, 149, 149

Achromatomaly
153, 150, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 155, 137 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(159, 147, 137) looks like.

```
.text, #text, p{  
    color:rgb(159, 147, 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(159, 147, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 147, 137) }
```

Border

The CSS property to change the border of an element to RYB 159, 155, 137 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(159, 147, 137) }
```

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

```
.border{ border-color:rgb(159, 147, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 147, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 147, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 147, 137); box-shadow:4px 4px 4px 4px rgb(159, 147, 137) }
```

Background

The CSS property to change the background color of an element to RYB 159, 155, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 147, 137) }
```

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

```
.background{ background-color: rgb(159,  
147, 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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