

Converting Colors

`RYB(143, 137, 90)`

Have a look what the booklet for
RYB(143, 137, 90) contains.

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Color

R_YB(143, 137, 90)

Conversions

Conversions Part 1

Format	Color
Hex	8F735A
RGB	143, 115, 90
RGB Percent	56%, 45%, 35%
CMY	0.4392, 0.5494, 0.6471
CMYK	0.00, 0.20, 0.37, 0.44
HSL	28°, 23%, 46%
HSV	28°, 37%, 56%
XYZ	19.2936, 18.8188, 12.2884
YIQ	120.5220, 24.7130, -1.8390

Conversions

Conversions Part 2

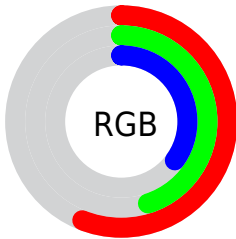
Format	Color
RYB	143, 137, 90
Decimal	9401178
CIELab	50.47, 7.32, 17.96
CIELCh	50, 19.396, 67.815
Yxy	18.8188, 0.3828, 0.3734
Android (android.graphics.Color)	4287591258 (0xFF8F735A)
YUV	120.5220, -15.0473, 19.7132
Hunter-Lab	43.3806, 3.4722, 13.5714

Details

The RYB color **143, 137, 90** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **90, 108, 143**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **198, 191, 140**, and **91, 89, 44** is the 20% darker color. If you saturate the color by 10%, you get **143, 134, 76**, and if you desaturate by 10%, it is **143, 137, 104**.

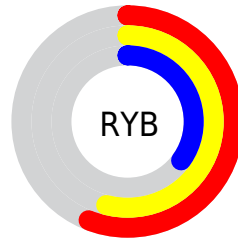
Distribution



Red (56%)

Green (45%)

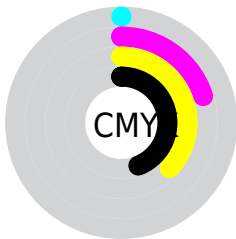
Blue (35%)



Red (56%)

Yellow (54%)

Blue (35%)

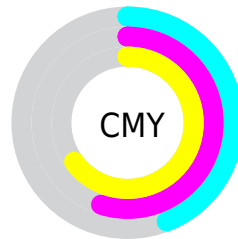


Cyan (0%)

Magenta (20%)

Yellow (37%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 137, 90 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 143, 137, 90 by changing the saturation by 10% instead.

 143, 137, 90  143, 137, 90

255, 255, 255  117, 111, 66

 198, 191, 140  91, 89, 44

 226, 217, 167  67, 67, 23


 255, 246, 194  39, 45, 0

 228, 255, 222  19, 0, 0

 250, 255, 250  0, 0, 0

 143, 137, 90  143, 137, 90

 143, 134, 76  143, 137, 104

 143, 135, 61  143, 139, 119

■ 143, 132, 47

■ 143, 143, 133

■ 143, 132, 33

■ 143, 144, 147

■ 143, 128, 19

■ 143, 150, 162

■ 143, 126, 4

■ 143, 154, 176

■ 143, 126, 0

■ 143, 159, 190

■ 143, 164, 204

■ 143, 169, 219

Harmonies

Analogous

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



152, 112, 101



143, 137, 90



97, 128, 87

Triad

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



143, 137, 90



76, 105, 130



128, 114, 146

Complementary

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



143, 137, 90



90, 108, 143

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.



106, 117, 153



143, 137, 90



72, 103, 140

Square

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



143, 137, 90



91, 117, 128



84, 109, 150



145, 110, 133

Rectangle

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



143, 137, 90



91, 124, 99



84, 109, 150



121, 116, 149

Sweetspot

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



143, 137, 90



186, 182, 166



143, 90, 118



94, 94, 82



222, 222, 222



94, 94, 94

Same Dimension

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



143, 137, 90



186, 178, 104



92, 143, 90



69, 71, 64



135, 122, 0



8, 8, 0

Inverse Universe

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



90, 108, 143



104, 133, 186



90, 92, 143



64, 67, 71



0, 47, 135



0, 3, 8

Previews

White Background



This preview shows how the RYB color 143, 137, 90 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 143, 137, 90 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 143, 137, 90 Background



This preview shows how black text looks on a background with the RYB color 143, 137, 90.



This preview shows how white text looks on a background with the RYB color 143, 137, 90.

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


143, 137, 90

Protanopia

104, 129, 92

Deuteranopia

142, 138, 90



Tritanopia
146, 111, 119

Trichromacy



Original Color

143, 137, 90

Protanomaly

116, 134, 91

Deuteranomaly

142, 138, 90

Tritanomaly

145, 112, 108

Monochromacy



Original Color

143, 137, 90

Achromatopsia

120, 120, 120

Achromatomaly

128, 126, 109

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 137, 90 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(143, 115, 90)` looks like.

```
.text, #text, p{  
    color:rgb(143, 115, 90)  
}
```

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(143, 115, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 115, 90) }
```

Border

The CSS property to change the border of an element to RYB 143, 137, 90 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(143, 115, 90) }
```

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

```
.border{ border-color:rgb(143, 115, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 115, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 115, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 115, 90);  
box-shadow:4px 4px 4px 4px rgb(143, 115,  
90) }
```

Background

The CSS property to change the background color of an element to RGB 143, 115, 90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 115, 90) }
```

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

```
.background{ background-color: rgb(143,  
115, 90) }
```

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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