

Converting Colors

`RYB(153, 129, 115)`

Have a look what the booklet for
RYB(153, 129, 115) contains.

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Color

R_YB(153, 129, 115)

Conversions

Conversions Part 1

Format	Color
Hex	997D73
RGB	153, 125, 115
RGB Percent	60%, 49%, 45%
CMY	0.4000, 0.5089, 0.5490
CMYK	0.00, 0.18, 0.25, 0.40
HSL	16°, 16%, 53%
HSV	16°, 25%, 60%
XYZ	23.5942, 22.7358, 19.3646
YIQ	132.2320, 19.8980, 2.8260

Conversions

Conversions Part 2

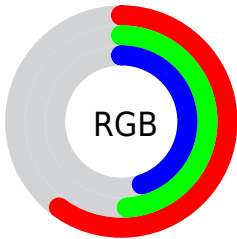
Format	Color
RYB	153, 129, 115
Decimal	10059123
CIELab	54.80, 9.07, 9.60
CIELCh	55, 13.203, 46.614
Yxy	22.7358, 0.3592, 0.3461
Android (android.graphics.Color)	4288249203 (0xFF997D73)
YUV	132.2320, -8.4954, 18.2135
Hunter-Lab	47.6821, 4.8824, 9.2987

Details

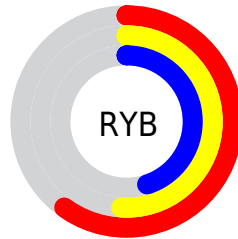
The RYB color **153, 129, 115** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **115, 131, 153**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **208, 182, 167**, and **101, 79, 67** is the 20% darker color. If you saturate the color by 10%, you get **153, 119, 100**, and if you desaturate by 10%, it is **153, 138, 130**.

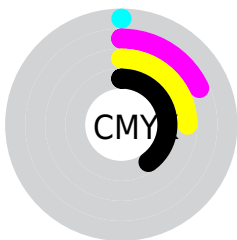
Distribution



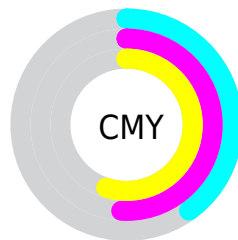
- Red (60%)
- Green (49%)
- Blue (45%)



- Red (60%)
- Yellow (51%)
- Blue (45%)



- Cyan (0%)
- Magenta (18%)
- Yellow (25%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 129, 115 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 153, 129, 115 by changing the saturation by 10% instead.

 153, 129, 115

255, 255, 255

 208, 182, 167

 236, 209, 194


 255, 241, 222

 251, 255, 251


 153, 129, 115

 153, 119, 100


 153, 110, 84

 153, 129, 115

 127, 104, 90


 101, 79, 67

 77, 58, 45

 53, 35, 24

 33, 14, 0

 0, 0, 0

 153, 129, 115

 153, 138, 130

 153, 149, 146

■ 153, 101, 69

■ 153, 156, 161

■ 153, 91, 54

■ 153, 163, 176

■ 153, 80, 39

■ 153, 169, 192

■ 153, 71, 23

■ 153, 176, 207

■ 153, 61, 8

■ 153, 182, 222

■ 153, 56, 0

■ 153, 189, 237

■ 153, 195, 253

Harmonies

Analogous

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



155, 123, 125



153, 129, 115



138, 145, 109

Triad

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



153, 129, 115



109, 127, 137



127, 130, 153

Complementary

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



153, 129, 115



115, 131, 153

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.



112, 126, 153



153, 129, 115



102, 120, 138

Square

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



153, 129, 115



115, 136, 131



103, 122, 147



141, 126, 147

Rectangle

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



153, 129, 115



118, 138, 109



103, 122, 147



122, 129, 154

Sweetspot

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



153, 129, 115



199, 191, 185



153, 115, 143



99, 96, 91



227, 227, 227



99, 99, 99

Same Dimension

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



153, 129, 115



199, 161, 139



127, 153, 115



77, 72, 69



140, 52, 0



13, 4, 0

Inverse Universe

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



115, 131, 153



139, 164, 199



115, 122, 153



69, 72, 77



0, 59, 140



0, 5, 13

Previews

White Background



This preview shows how the RYB color 153, 129, 115 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 153, 129, 115 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 153, 129, 115 Background



This preview shows how black text looks on a background with the RYB color 153, 129, 115.



This preview shows how white text looks on a background with the RYB color 153, 129, 115.

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
153, 129, 115

Protanopia
127, 137, 118

Deuteranopia
150, 131, 115



Tritanopia
155, 123, 132

Trichromacy



Original Color

153, 129, 115

Protanomaly

143, 139, 117

Deuteranomaly

151, 131, 115

Tritanomaly

154, 124, 126

Monochromacy



Original Color

153, 129, 115

Achromatopsia

132, 132, 132

Achromatomaly

140, 132, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 129, 115 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(153, 125, 115)` looks like.

```
.text, #text, p{  
    color:rgb(153, 125, 115)  
}
```

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(153, 125, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 125, 115) }
```

Border

The CSS property to change the border of an element to RYB 153, 129, 115 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(153, 125, 115) }
```

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

```
.border{ border-color:rgb(153, 125, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 125, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 125, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 125, 115);  
box-shadow:4px 4px 4px 4px rgb(153, 125,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 153, 129, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 125, 115) }
```

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

```
.background{ background-color: rgb(153,  
125, 115) }
```

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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