

Converting Colors

`RYB(153, 149, 115)`

Have a look what the booklet for
RYB(153, 149, 115) contains.

RYB(153, 149, 115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(153, 149, 115)

Conversions

Conversions Part 1

Format	Color
Hex	998573
RGB	153, 133, 115
RGB Percent	60%, 52%, 45%
CMY	0.4000, 0.4786, 0.5490
CMYK	0.00, 0.13, 0.25, 0.40
HSL	28°, 16%, 53%
HSV	28°, 25%, 60%
XYZ	24.6113, 24.7700, 19.7036
YIQ	136.9280, 17.6980, -1.3580

Conversions

Conversions Part 2

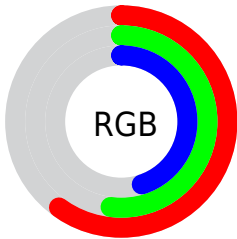
Format	Color
R_{YB}	153, 149, 115
Decimal	10061171
CIE _{Lab}	56.85, 4.68, 12.48
CIE _{LCh}	57, 13.328, 69.447
Yxy	24.7700, 0.3562, 0.3585
Android (android.graphics.Color)	4288251251 (0xFF998573)
YUV	136.9280, -10.8105, 14.0951
Hunter-Lab	49.7694, 1.1729, 11.3658

Details

The RYB color **153, 149, 115** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **115, 128, 153**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **208, 202, 167**, and **101, 101, 67** is the 20% darker color. If you saturate the color by 10%, you get **153, 147, 100**, and if you desaturate by 10%, it is **153, 151, 130**.

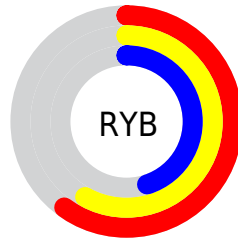
Distribution



Red (60%)

Green (52%)

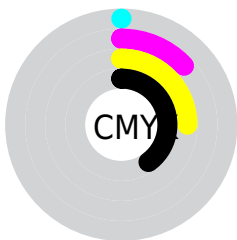
Blue (45%)



Red (60%)

Yellow (58%)

Blue (45%)

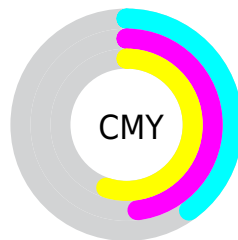


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (40%)



Cyan (40%)

Magenta (48%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 149, 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, 149, 115 by changing the saturation by 10% instead.

 153, 149, 115

255, 255, 255

 208, 202, 167

 236, 232, 194


 243, 255, 222

 251, 255, 251


 153, 149, 115

 153, 147, 100

 153, 147, 84

 153, 149, 115


 127, 125, 90


 101, 101, 67

 77, 73, 45

 54, 54, 24


 28, 33, 0

 0, 0, 0


 153, 149, 115


 153, 151, 130


 153, 151, 146


 153, 145, 69


 153, 156, 161

 153, 143, 54

 153, 161, 176


 153, 142, 39

 153, 166, 192

 153, 138, 23


 153, 171, 207

 153, 136, 8

 153, 177, 222

 153, 136, 0

 153, 182, 237

 153, 188, 253

Harmonies

Analogous

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



160, 132, 122



153, 149, 115



120, 142, 114

Triad

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



153, 149, 115



108, 126, 143



143, 132, 154

Complementary

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



153, 149, 115



115, 128, 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.



128, 134, 159



153, 149, 115



107, 126, 151

Square

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



153, 149, 115



116, 135, 143



115, 131, 158



155, 129, 145

Rectangle

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



153, 149, 115



116, 139, 122



115, 131, 158



138, 134, 157

Sweetspot

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



153, 149, 115



199, 199, 185



153, 115, 135



99, 99, 91



227, 227, 227



99, 99, 99

Same Dimension

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



153, 149, 115



199, 192, 139



116, 153, 115



77, 74, 69



140, 125, 0



13, 11, 0

Inverse Universe

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



115, 128, 153



139, 160, 199



115, 116, 153



69, 72, 77



0, 48, 140



0, 5, 13

Previews

White Background



This preview shows how the RYB color 153, 149, 115 looks on a white background.

Color Contrast Check

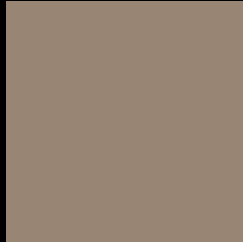
Large Text (above 18pt) WCAG AA ✓ Pass

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, 149, 115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

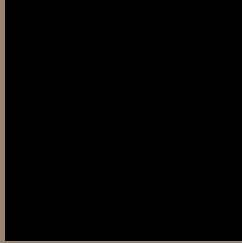
Any Text WCAG AA ✓ Pass

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, 149, 115 Background



This preview shows how black text looks on a background with the RYB color 153, 149, 115.



This preview shows how white text looks on a background with the RYB color 153, 149, 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, 149, 115

Protanopia
128, 144, 117

Deuteranopia
157, 141, 115



Tritanopia
156, 129, 140

Trichromacy



Original Color

153, 149, 115

Protanomaly

136, 147, 116

Deuteranomaly

156, 144, 115

Tritanomaly

155, 130, 131

Monochromacy



Original Color

153, 149, 115

Achromatopsia

137, 137, 137

Achromatomaly

143, 143, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 149, 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, 133, 115) looks like.

```
.text, #text, p{  
    color:rgb(153, 133, 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, 133, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 133, 115) }
```

Border

The CSS property to change the border of an element to RYB 153, 149, 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, 133, 115) }
```

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

```
.border{ border-color:rgb(153, 133, 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, 133, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 133, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 133, 115);  
box-shadow:4px 4px 4px 4px rgb(153, 133,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 153, 149, 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, 133, 115) }
```

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

```
.background{ background-color: rgb(153,  
133, 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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