

Converting Colors

`RYB(152, 148, 100)`

Have a look what the booklet for
RYB(152, 148, 100) contains.

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Color

R_YB(152, 148, 100)

Conversions

Conversions Part 1

Format	Color
Hex	987D64
RGB	152, 125, 100
RGB Percent	60%, 49%, 39%
CMY	0.4039, 0.5100, 0.6078
CMYK	0.00, 0.18, 0.34, 0.40
HSL	29°, 21%, 49%
HSV	29°, 34%, 60%
XYZ	22.5777, 22.2526, 15.1618
YIQ	130.2230, 24.1170, -2.0510

Conversions

Conversions Part 2

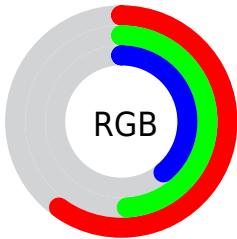
Format	Color
R_{YB}	152, 148, 100
Decimal	9993572
CIE _{Lab}	54.29, 6.67, 17.53
CIE _{LCh}	54, 18.758, 69.178
Yxy	22.2526, 0.3763, 0.3709
Android (android.graphics.Color)	4288183652 (0xFF987D64)
YUV	130.2230, -14.8999, 19.0984
Hunter-Lab	47.1727, 2.8812, 13.9644

Details

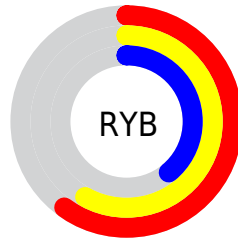
The RYB color **152, 148, 100** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **100, 118, 152**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **207, 203, 151**, and **100, 98, 53** is the 20% darker color. If you saturate the color by 10%, you get **152, 146, 85**, and if you desaturate by 10%, it is **152, 150, 115**.

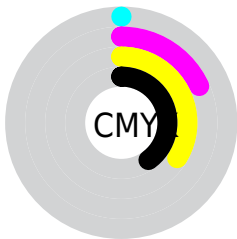
Distribution



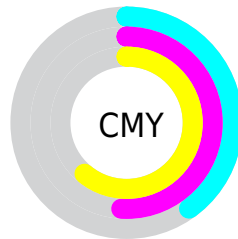
- Red (60%)
- Green (49%)
- Blue (39%)



- Red (60%)
- Yellow (58%)
- Blue (39%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (40%)




- Cyan (40%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 148, 100 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 152, 148, 100 by changing the saturation by 10% instead.

 152, 148, 100


255, 255, 255

 207, 203, 151

 236, 229, 178


 244, 255, 205

 233, 255, 233

 152, 148, 100

 152, 146, 85

 152, 144, 70

 152, 148, 100

 126, 122, 76

 100, 98, 53

 75, 73, 32

 46, 52, 9

 29, 15, 0

 0, 0, 0

 152, 148, 100

 152, 150, 115

 152, 152, 130

■ 152, 144, 54

■ 152, 152, 146

■ 152, 142, 39

■ 152, 155, 161

■ 152, 141, 24

■ 152, 160, 176

■ 152, 142, 9

■ 152, 165, 191

■ 152, 140, 0

■ 152, 170, 206

■ 152, 176, 222

■ 152, 181, 237

Harmonies

Analogous

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



161, 122, 110



152, 148, 100



107, 137, 98

Triad

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



152, 148, 100



87, 114, 139



139, 124, 155

Complementary

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



152, 148, 100



100, 118, 152

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.



117, 127, 162



152, 148, 100



84, 114, 150

Square

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



152, 148, 100



101, 126, 138



96, 120, 160



155, 120, 142

Rectangle

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



152, 148, 100



101, 134, 110



96, 120, 160



132, 126, 158

Sweetspot

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



152, 148, 100



196, 194, 177



152, 100, 128



99, 97, 88



227, 227, 227



99, 99, 99

Same Dimension

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



152, 148, 100



196, 188, 116



102, 152, 100



77, 77, 69



140, 128, 0



13, 11, 0

Inverse Universe

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



100, 118, 152



116, 144, 196



100, 102, 152



69, 72, 77



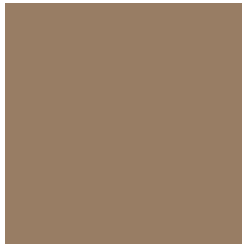
0, 48, 140



0, 5, 13

Previews

White Background



This preview shows how the RYB color 152, 148, 100 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 152, 148, 100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

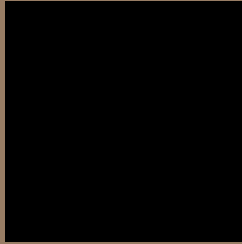
Any Text WCAG AA ✓ Pass

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 152, 148, 100 Background



This preview shows how black text looks on a background with the RYB color 152, 148, 100.



This preview shows how white text looks on a background with the RYB color 152, 148, 100.

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

152, 148, 100

Protanopia

112, 138, 102

Deuteranopia

153, 147, 100



Tritanopia
155, 121, 130

Trichromacy



Original Color

152, 148, 100

Protanomaly

124, 143, 101

Deuteranomaly

153, 147, 100

Tritanomaly

154, 122, 119

Monochromacy



Original Color

152, 148, 100

Achromatopsia

130, 130, 130

Achromatomaly

138, 136, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 148, 100 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(152, 125, 100)` looks like.

```
.text, #text, p{  
    color:rgb(152, 125, 100)  
}
```

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(152, 125, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 125, 100) }
```

Border

The CSS property to change the border of an element to RYB 152, 148, 100 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(152, 125, 100) }
```

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

```
.border{ border-color:rgb(152, 125, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 125, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 125, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 125, 100);  
box-shadow:4px 4px 4px 4px rgb(152, 125,  
100) }
```

Background

The CSS property to change the background color of an element to RYB 152, 148, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 125, 100) }
```

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

```
.background{ background-color: rgb(152,  
125, 100) }
```

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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