

Converting Colors

`RYB(165, 150, 142)`

Have a look what the booklet for
RYB(165, 150, 142) contains.

RYB(165, 150, 142)	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(165, 150, 142)

Conversions

Conversions Part 1

Format	Color
Hex	A5948E
RGB	165, 148, 142
RGB Percent	65%, 58%, 56%
CMY	0.3529, 0.4199, 0.4431
CMYK	0.00, 0.10, 0.14, 0.35
HSL	15°, 11%, 60%
HSV	15°, 14%, 65%
XYZ	30.9793, 31.1119, 29.9636
YIQ	152.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

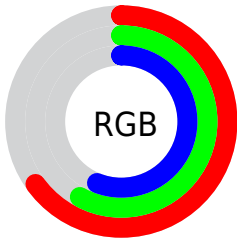
Format	Color
RYB	165, 150, 142
Decimal	10851470
CIELab	62.60, 5.30, 5.43
CIELCh	63, 7.586, 45.726
Yxy	31.1119, 0.3365, 0.3380
Android (android.graphics.Color)	4289041550 (0xFFA5948E)
YUV	152.3990, -5.1267, 11.0511
Hunter-Lab	55.7780, 1.5280, 7.1944

Details

The RYB color **165, 150, 142** is a light color, and the websafe version is hex **999999**. A complement of this color would be **142, 152, 165**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **220, 204, 196**, and **113, 99, 92** is the 20% darker color. If you saturate the color by 10%, you get **165, 139, 126**, and if you desaturate by 10%, it is **165, 161, 158**.

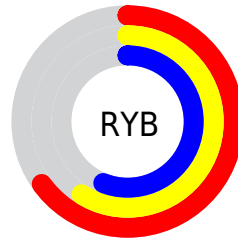
Distribution



Red (65%)

Green (58%)

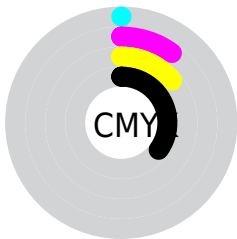
Blue (56%)



Red (65%)

Yellow (59%)

Blue (56%)

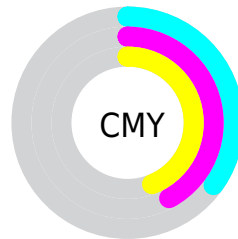


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 150, 142 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 165, 150, 142 by changing the saturation by 10% instead.

 165, 150, 142

255, 255, 255

 220, 204, 196

 249, 232, 224


252, 255, 252

 165, 150, 142

 139, 124, 116

 113, 99, 92

 88, 77, 68

 65, 53, 46


 42, 32, 25

 23, 6, 0

 0, 0, 0

 165, 150, 142

 165, 139, 126

 165, 150, 142

 165, 161, 158

■ 165, 128, 109

■ 165, 169, 175

■ 165, 118, 92

■ 165, 176, 191

■ 165, 107, 76

■ 165, 183, 208

■ 165, 97, 59

■ 165, 190, 224

■ 165, 85, 43

■ 165, 197, 241

■ 165, 74, 27

■ 165, 204, 255

■ 165, 64, 10

■ 165, 208, 255

■ 165, 58, 0

■ 165, 210, 255

Harmonies

Analogous

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



166, 147, 148



165, 150, 142



158, 160, 139

Triad

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



165, 150, 142



139, 149, 155



149, 151, 164

Complementary

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



165, 150, 142



142, 152, 165

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.



141, 149, 164



165, 150, 142



135, 145, 155

Square

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



165, 150, 142



142, 154, 151



136, 147, 161



157, 149, 161

Rectangle

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



165, 150, 142



145, 156, 138



136, 147, 161



146, 150, 165

Sweetspot

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



165, 150, 142



214, 209, 206



165, 142, 159



107, 103, 102



235, 235, 235



107, 107, 107

Same Dimension

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



165, 150, 142



214, 190, 178



150, 165, 142



82, 78, 73



145, 51, 0



18, 7, 0

Inverse Universe

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



142, 152, 165



178, 193, 214



142, 147, 165



73, 77, 82



0, 62, 145



0, 8, 18

Previews

White Background



This preview shows how the RYB color 165, 150, 142 looks on a white background.

Color Contrast Check

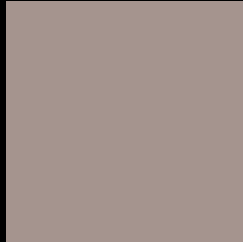
Large Text (above 18pt) WCAG AA × Fail

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 165, 150, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

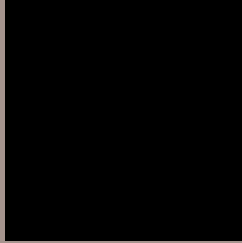
Any Text WCAG AA ✓ Pass

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 165, 150, 142 Background



This preview shows how black text looks on a background with the RYB color 165, 150, 142.



This preview shows how white text looks on a background with the RYB color 165, 150, 142.

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
165, 150, 142

Protanopia
153, 156, 144

Deuteranopia
169, 147, 142



Tritanopia
167, 146, 157

Trichromacy



Original Color

165, 150, 142

Protanomaly

159, 155, 143

Deuteranomaly

168, 148, 142

Tritanomaly

166, 147, 152

Monochromacy



Original Color

165, 150, 142

Achromatopsia

152, 152, 152

Achromatomaly

157, 153, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 150, 142 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(165, 148, 142) looks like.

```
.text, #text, p{  
    color:rgb(165, 148, 142)  
}
```

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(165, 148, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 142) }
```

Border

The CSS property to change the border of an element to RYB 165, 150, 142 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(165, 148, 142) }
```

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

```
.border{ border-color:rgb(165, 148, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 148, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 148, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 148, 142);  
box-shadow:4px 4px 4px 4px rgb(165, 148,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 165, 150, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 142) }
```

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

```
.background{ background-color: rgb(165,  
148, 142) }
```

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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