

Converting Colors

`RYB(165, 148, 140)`

Have a look what the booklet for
RYB(165, 148, 140) contains.

RYB(165, 148, 140)	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, 148, 140)

Conversions

Conversions Part 1

Format	Color
Hex	A5928C
RGB	165, 146, 140
RGB Percent	65%, 57%, 55%
CMY	0.3529, 0.4272, 0.4510
CMYK	0.00, 0.11, 0.15, 0.35
HSL	15°, 12%, 60%
HSV	15°, 15%, 65%
XYZ	30.5389, 30.4692, 29.0825
YIQ	150.9970, 13.2500, 2.1620

Conversions

Conversions Part 2

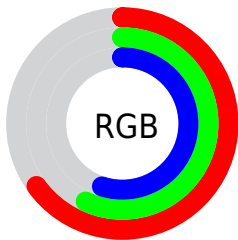
Format	Color
R _Y B	165, 148, 140
Decimal	10850956
CIE Lab	62.06, 6.01, 5.78
CIE LCh	62, 8.335, 43.899
Yxy	30.4692, 0.3390, 0.3382
Android (android.graphics.Color)	4289041036 (0xFFA5928C)
YUV	150.9970, -5.4215, 12.2806
Hunter-Lab	55.1990, 2.1572, 7.4013

Details

The RYB color **165, 148, 140** is a light color, and the websafe version is hex **999999**. A complement of this color would be **140, 151, 165**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **220, 202, 194**, and **113, 98, 90** is the 20% darker color. If you saturate the color by 10%, you get **165, 138, 123**, and if you desaturate by 10%, it is **165, 161, 156**.

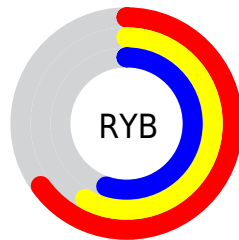
Distribution



Red (65%)

Green (57%)

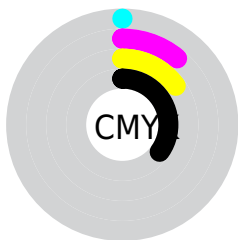
Blue (55%)



Red (65%)

Yellow (58%)

Blue (55%)

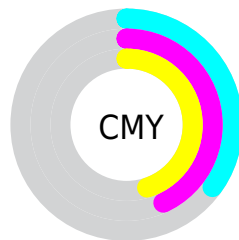


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (35%)



Cyan (35%)

Magenta (43%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 148, 140 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, 148, 140 by changing the saturation by 10% instead.

 165, 148, 140


255, 255, 255

 220, 202, 194

 249, 230, 221

 250, 255, 250

 165, 148, 140

 139, 121, 115

 113, 98, 90

 88, 74, 67

 65, 51, 44

 42, 29, 24

 22, 2, 0

 0, 0, 0

 165, 148, 140


 165, 138, 123

 165, 148, 140


 165, 161, 156

 165, 125, 107

 165, 168, 173

 165, 115, 91

 165, 176, 189

 165, 103, 74

 165, 183, 206

 165, 93, 57

 165, 190, 223

 165, 81, 41

 165, 197, 239

 165, 71, 24

 165, 204, 255

 165, 58, 8

 165, 208, 255

 165, 53, 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, 145, 147



165, 148, 140



160, 160, 136

Triad

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



165, 148, 140



136, 148, 154



147, 149, 164

Complementary

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



165, 148, 140



140, 151, 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.



138, 147, 164



165, 148, 140



132, 143, 154

Square

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



165, 148, 140



139, 153, 148



133, 145, 160



156, 147, 161

Rectangle

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



165, 148, 140



142, 155, 135



133, 145, 160



144, 149, 165

Sweetspot

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



165, 148, 140



214, 207, 203



165, 140, 159



107, 102, 101



235, 235, 235



107, 107, 107

Same Dimension

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



165, 148, 140



214, 188, 176



150, 165, 140



82, 76, 73



145, 46, 0



18, 5, 0

Inverse Universe

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



140, 151, 165



176, 192, 214



140, 145, 165



73, 77, 82



0, 63, 145



0, 8, 18

Previews

White Background



This preview shows how the RYB color 165, 148, 140 looks on a white background.

Color Contrast Check

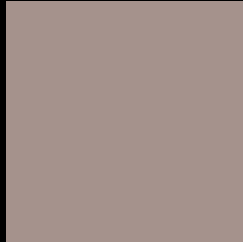
Large Text (above 18pt) WCAG AA × Fail

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, 148, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

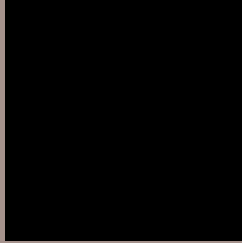
Any Text WCAG AA ✓ Pass

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, 148, 140 Background



This preview shows how black text looks on a background with the RYB color 165, 148, 140.



This preview shows how white text looks on a background with the RYB color 165, 148, 140.

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, 148, 140

Protanopia
153, 155, 142

Deuteranopia
168, 146, 140



Tritanopia
167, 144, 155

Trichromacy



Original Color

165, 148, 140

Protanomaly

159, 152, 141

Deuteranomaly

167, 146, 140

Tritanomaly

166, 145, 150

Monochromacy



Original Color

165, 148, 140

Achromatopsia

151, 151, 151

Achromatomaly

156, 150, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 148, 140 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, 146, 140)` looks like.

```
.text, #text, p{  
    color:rgb(165, 146, 140)  
}
```

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, 146, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 146, 140) }
```

Border

The CSS property to change the border of an element to RYB 165, 148, 140 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, 146, 140) }
```

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

```
.border{ border-color:rgb(165, 146, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 146, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(165, 146,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 165, 148, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 146, 140) }
```

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

```
.background{ background-color: rgb(165,  
146, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor