

Converting Colors

`RYB(165, 136, 138)`

Have a look what the booklet for
RYB(165, 136, 138) contains.

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Color

R_YB(165, 136, 138)

Conversions

Conversions Part 1

Format	Color
Hex	A5888A
RGB	165, 136, 138
RGB Percent	65%, 53%, 54%
CMY	0.3529, 0.4667, 0.4588
CMYK	0.00, 0.18, 0.16, 0.35
HSL	356°, 14%, 59%
HSV	356°, 18%, 65%
XYZ	28.9087, 27.4426, 27.8181
YIQ	144.8990, 16.6420, 6.7700

Conversions

Conversions Part 2

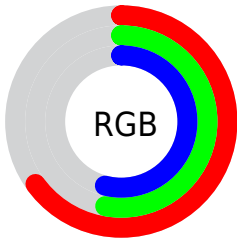
Format	Color
R _Y B	165, 136, 138
Decimal	10848394
CIE Lab	59.38, 11.33, 3.06
CIE LCh	59, 11.738, 15.119
Yxy	27.4426, 0.3435, 0.3260
Android (android.graphics.Color)	4289038474 (0xFFA5888A)
YUV	144.8990, -3.4012, 17.6286
Hunter-Lab	52.3857, 6.8289, 5.1856

Details

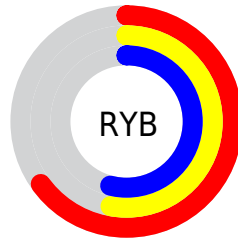
The RYB color **165, 136, 138** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **136, 151, 165**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **220, 189, 191**, and **113, 86, 88** is the 20% darker color. If you saturate the color by 10%, you get **165, 119, 123**, and if you desaturate by 10%, it is **165, 152, 153**.

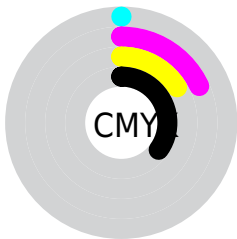
Distribution



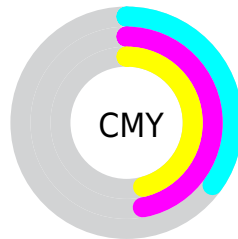
- Red (65%)
- Green (53%)
- Blue (54%)



- Red (65%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the RYB color 165, 136, 138 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, 136, 138 by changing the saturation by 10% instead.

 165, 136, 138

255, 255, 255

 220, 189, 191

 249, 217, 219

 255, 246, 248

 165, 136, 138

 138, 111, 113

 113, 86, 88

 88, 63, 65

 64, 41, 43


 42, 20, 23

 20, 0, 0

 0, 0, 0

 165, 136, 138

 165, 119, 123

 165, 136, 138

 165, 152, 153

 165, 103, 107

 165, 167, 169

 165, 86, 92

 165, 176, 186

 165, 70, 77

 165, 184, 202

 165, 53, 61

 165, 192, 218

 165, 37, 46

 165, 201, 235

 165, 21, 30

 165, 209, 251

 165, 4, 15

 165, 210, 255

 165, 0, 11

Harmonies

Analogous

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



161, 136, 149



165, 136, 138



163, 141, 129

Triad

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



165, 136, 138



128, 147, 141



126, 139, 163

Complementary

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



165, 136, 138



136, 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.



118, 135, 157



165, 136, 138



123, 140, 149

Square

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



165, 136, 138



125, 146, 123



117, 133, 149



138, 141, 163

Rectangle

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



165, 136, 138



159, 149, 125



117, 133, 149



123, 137, 161

Sweetspot

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



165, 136, 138



214, 203, 204



163, 136, 165



107, 101, 101



235, 235, 235



107, 107, 107

Same Dimension

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



165, 136, 138



214, 169, 172



165, 156, 136



82, 73, 74



145, 0, 10



18, 0, 1

Inverse Universe

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



165, 136, 138



214, 169, 172



136, 147, 165



82, 73, 74



145, 0, 10



18, 0, 1

Previews

White Background



This preview shows how the RYB color 165, 136, 138 looks on a white background.

Color Contrast Check

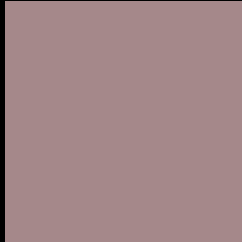
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 136, 138 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 165, 136, 138 Background



This preview shows how black text looks on a background with the RYB color 165, 136, 138.



This preview shows how white text looks on a background with the RYB color 165, 136, 138.

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, 136, 138

Protanopia
146, 142, 142

Deuteranopia
159, 138, 138



Tritanopia
166, 135, 145

Trichromacy



Original Color

165, 136, 138

Protanomaly

153, 140, 141

Deuteranomaly

161, 137, 138

Tritanomaly

166, 135, 142

Monochromacy



Original Color

165, 136, 138

Achromatopsia

145, 145, 145

Achromatomaly

152, 142, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 136, 138 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, 136, 138) looks like.

```
.text, #text, p{  
    color:rgb(165, 136, 138)  
}
```

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, 136, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 136, 138) }
```

Border

The CSS property to change the border of an element to RYB 165, 136, 138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

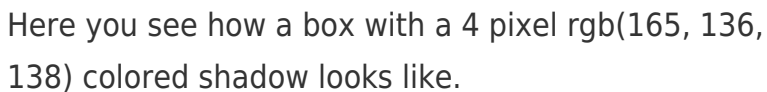
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 136, 138) }
```

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

```
.border{ border-color:rgb(165, 136, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 136, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 136, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 136, 138); box-shadow:4px 4px 4px 4px rgb(165, 136, 138) }
```

Background

The CSS property to change the background color of an element to RYB 165, 136, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 136, 138) }
```

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

```
.background{ background-color: rgb(165,  
136, 138) }
```

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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