

Converting Colors

`RYB(168, 97, 115)`

Have a look what the booklet for
RYB(168, 97, 115) contains.

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Color

`RYB(168, 97, 115)`

Conversions

Conversions Part 1

Format	Color
Hex	A86173
RGB	168, 97, 115
RGB Percent	66%, 38%, 45%
CMY	0.3412, 0.6196, 0.5490
CMYK	0.00, 0.42, 0.32, 0.34
HSL	345°, 29%, 52%
HSV	345°, 42%, 66%
XYZ	23.5177, 18.1120, 18.4761
YIQ	120.2810, 36.5380, 20.6500

Conversions

Conversions Part 2

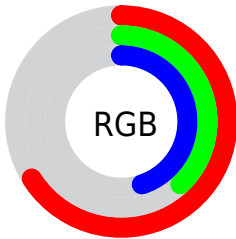
Format	Color
R_{YB}	168, 97, 115
Decimal	11034995
CIE _{Lab}	49.63, 31.00, 2.43
CIE _{LCh}	50, 31.098, 4.487
Yxy	18.1120, 0.3913, 0.3013
Android (android.graphics.Color)	4289225075 (0xFFA86173)
YUV	120.2810, -2.6035, 41.8496
Hunter-Lab	42.5582, 24.1621, 4.0508

Details

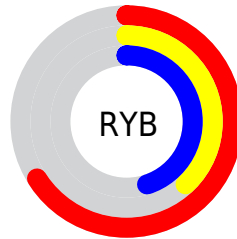
The RYB color **168, 97, 115** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **97, 138, 168**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **225, 149, 167**, and **114, 48, 67** is the 20% darker color. If you saturate the color by 10%, you get **168, 80, 102**, and if you desaturate by 10%, it is **168, 114, 128**.

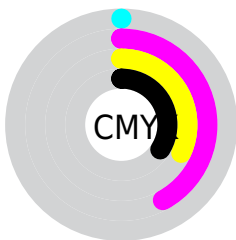
Distribution



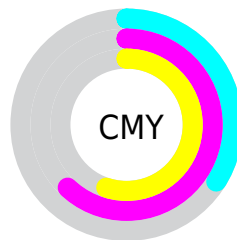
- Red (66%)
- Green (38%)
- Blue (45%)



- Red (66%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (42%)
- Yellow (32%)
- Black (34%)



- Cyan (34%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 97, 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 168, 97, 115 by changing the saturation by 10% instead.



168, 97, 115



168, 97, 115

255, 255, 255



140, 72, 91



225, 149, 167



114, 48, 67



254, 176, 194



88, 24, 45



255, 204, 222



62, 0, 25



255, 232, 250



42, 0, 1



0, 0, 0



168, 97, 115



168, 97, 115



168, 80, 102



168, 114, 128



168, 63, 90



168, 131, 140

168, 47, 77

168, 147, 153

168, 30, 65

168, 164, 165

168, 13, 52

168, 175, 181

168, 0, 43

168, 185, 198

168, 195, 215

168, 204, 231

168, 214, 248

Harmonies

Analogous

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



154, 101, 141



168, 97, 115



167, 102, 89

Triad

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



168, 97, 115



73, 125, 95



30, 86, 165

Complementary

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



168, 97, 115



97, 138, 168

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.



0, 69, 147



168, 97, 115



70, 113, 130

Square

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



168, 97, 115



81, 131, 65



26, 82, 132



85, 109, 170

Rectangle

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



168, 97, 115



159, 123, 76



26, 82, 132



0, 71, 160

Sweetspot

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



168, 97, 115



219, 191, 198



149, 97, 168



110, 92, 97



237, 237, 237



110, 110, 110

Same Dimension

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



168, 97, 115



219, 107, 136



168, 119, 97



84, 76, 78



148, 0, 37



20, 0, 5

Inverse Universe

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



168, 97, 115



219, 107, 136



97, 128, 168



84, 76, 78



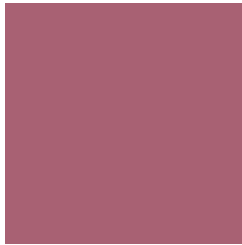
148, 0, 37



20, 0, 5

Previews

White Background



This preview shows how the RYB color 168, 97, 115 looks on a white 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

Black Background



This preview shows how the RYB color 168, 97, 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 168, 97, 115 Background



This preview shows how black text looks on a background with the RYB color 168, 97, 115.



This preview shows how white text looks on a background with the RYB color 168, 97, 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

168, 97, 115

Protanopia

118, 118, 127

Deuteranopia

132, 114, 112



Tritanopia
167, 99, 106

Trichromacy



Original Color
168, 97, 115

Protanomaly
136, 110, 123

Deuteranomaly
145, 108, 113

Tritanomaly
167, 98, 109

Monochromacy



Original Color
168, 97, 115

Achromatopsia
120, 120, 120

Achromatomaly
137, 112, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 97, 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(168, 97, 115)` looks like.

```
.text, #text, p{  
    color:rgb(168, 97, 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(168, 97, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 97, 115) }
```

Border

The CSS property to change the border of an element to RYB 168, 97, 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(168, 97, 115) }
```

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

```
.border{ border-color:rgb(168, 97, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 97, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 97, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 97, 115);  
box-shadow:4px 4px 4px 4px rgb(168, 97,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 168, 97, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 97, 115) }
```

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

```
.background{ background-color: rgb(168, 97,  
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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