

Converting Colors

`RYB(165, 90, 103)`

Have a look what the booklet for
RYB(165, 90, 103) contains.

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Color

`RYB(165, 90, 103)`

Conversions

Conversions Part 1

Format	Color
Hex	A55A67
RGB	165, 90, 103
RGB Percent	65%, 35%, 40%
CMY	0.3529, 0.6471, 0.5961
CMYK	0.00, 0.45, 0.38, 0.35
HSL	350°, 29%, 50%
HSV	350°, 45%, 65%
XYZ	21.6214, 16.2909, 14.8369
YIQ	113.9070, 40.5270, 19.9430

Conversions

Conversions Part 2

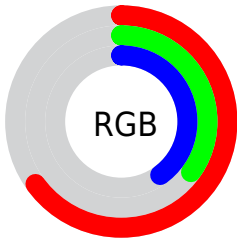
Format	Color
RYB	165, 90, 103
Decimal	10836583
CIELab	47.35, 32.15, 6.31
CIELCh	47, 32.761, 11.110
Yxy	16.2909, 0.4099, 0.3088
Android (android.graphics.Color)	4289026663 (0xFFA55A67)
YUV	113.9070, -5.3772, 44.8086
Hunter-Lab	40.3620, 24.9865, 6.4587

Details

The RYB color **165, 90, 103** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **90, 131, 165**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **222, 142, 154**, and **110, 41, 56** is the 20% darker color. If you saturate the color by 10%, you get **165, 74, 89**, and if you desaturate by 10%, it is **165, 106, 117**.

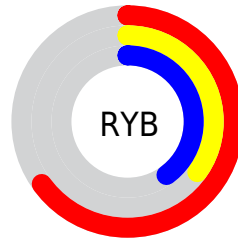
Distribution



Red (65%)

Green (35%)

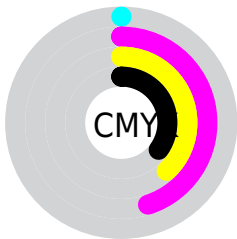
Blue (40%)



Red (65%)

Yellow (35%)

Blue (40%)

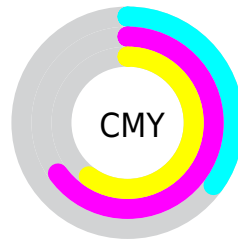


Cyan (0%)

Magenta (45%)

Yellow (38%)

Black (35%)



Cyan (35%)

Magenta (65%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 90, 103 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, 90, 103 by changing the saturation by 10% instead.



165, 90, 103



165, 90, 103

255, 255, 255



137, 65, 79



222, 142, 154



110, 41, 56



252, 168, 181



84, 16, 35



255, 196, 208



58, 0, 13



255, 224, 236



35, 0, 1



255, 253, 255



0, 0, 0



165, 90, 103



165, 90, 103



165, 74, 89



165, 106, 117



165, 57, 76



165, 123, 130

165, 41, 62

165, 139, 144

165, 24, 48

165, 156, 158

165, 7, 35

165, 169, 172

165, 0, 29

165, 178, 189

165, 188, 206

165, 196, 222

165, 205, 238

Harmonies

Analogous

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



155, 92, 131



165, 90, 103



161, 100, 77

Triad

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



165, 90, 103



70, 121, 102



22, 80, 164

Complementary

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



165, 90, 103



90, 131, 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.



0, 68, 148



165, 90, 103



52, 98, 125

Square

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



165, 90, 103



64, 120, 57



0, 65, 127



87, 106, 166

Rectangle

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



165, 90, 103



151, 127, 65



0, 65, 127



0, 69, 160

Sweetspot

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



165, 90, 103



214, 184, 189



151, 90, 165



107, 89, 92



235, 235, 235



107, 107, 107

Same Dimension

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



165, 90, 103



214, 96, 117



165, 125, 90



82, 73, 75



145, 0, 25



18, 0, 3

Inverse Universe

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



165, 90, 103



214, 96, 117



90, 120, 165



82, 73, 75



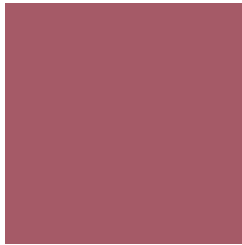
145, 0, 25



18, 0, 3

Previews

White Background



This preview shows how the RYB color 165, 90, 103 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 165, 90, 103 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 165, 90, 103 Background



This preview shows how black text looks on a background with the RYB color 165, 90, 103.

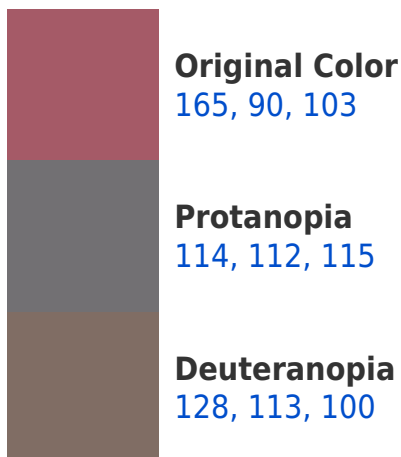


This preview shows how white text looks on a background with the RYB color 165, 90, 103.

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





Tritanopia
165, 91, 98

Trichromacy



Original Color
165, 90, 103

Protanomaly
133, 104, 111

Deuteranomaly
141, 102, 101

Tritanomaly
165, 91, 100

Monochromacy



Original Color
165, 90, 103

Achromatopsia
114, 114, 114

Achromatomaly
133, 105, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 90, 103 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, 90, 103)` looks like.

```
.text, #text, p{  
    color:rgb(165, 90, 103)  
}
```

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, 90, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 90, 103) }
```

Border

The CSS property to change the border of an element to RYB 165, 90, 103 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, 90, 103) }
```

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

```
.border{ border-color:rgb(165, 90, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 90, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 90, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 90, 103);  
box-shadow:4px 4px 4px 4px rgb(165, 90,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 165, 90, 103 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 90, 103) }
```

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

```
.background{ background-color: rgb(165, 90,  
103) }
```

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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