

Converting Colors

`RYB(165, 92, 110)`

Have a look what the booklet for
RYB(165, 92, 110) contains.

RYB(165, 92, 110)	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

$\text{RYB}(165, 92, 110)$

Conversions

Conversions Part 1

Format	Color
Hex	A55C6E
RGB	165, 92, 110
RGB Percent	65%, 36%, 43%
CMY	0.3529, 0.6392, 0.5686
CMYK	0.00, 0.44, 0.33, 0.35
HSL	345°, 29%, 50%
HSV	345°, 44%, 65%
XYZ	22.1587, 16.7794, 16.8227
YIQ	115.8790, 37.7300, 21.0740

Conversions

Conversions Part 2

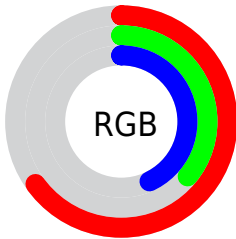
Format	Color
R_{YB}	165, 92, 110
Decimal	10837102
CIE _{Lab}	47.98, 31.95, 2.99
CIE _{LCh}	48, 32.092, 5.352
Yxy	16.7794, 0.3974, 0.3009
Android (android.graphics.Color)	4289027182 (0xFFA55C6E)
YUV	115.8790, -2.8983, 43.0791
Hunter-Lab	40.9627, 24.8745, 4.3244

Details

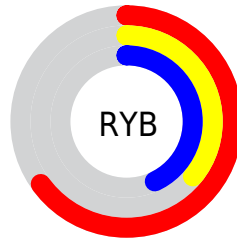
The RYB color **165, 92, 110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **92, 134, 165**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **222, 144, 161**, and **111, 43, 63** is the 20% darker color. If you saturate the color by 10%, you get **165, 75, 98**, and if you desaturate by 10%, it is **165, 108, 122**.

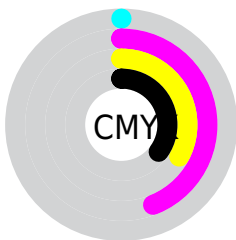
Distribution



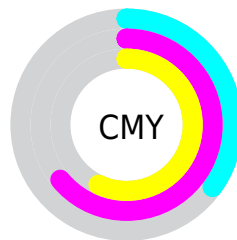
- Red (65%)
- Green (36%)
- Blue (43%)



- Red (65%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (44%)
- Yellow (33%)
- Black (35%)




- Cyan (35%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 92, 110 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, 92, 110 by changing the saturation by 10% instead.


 165, 92, 110


 165, 92, 110

255, 255, 255

 137, 67, 86

 222, 144, 161

 111, 43, 63

 251, 171, 188

 84, 19, 41

 255, 198, 216

 59, 0, 20

 255, 227, 245

 37, 0, 1

 0, 0, 0

 165, 92, 110

 165, 92, 110

 165, 75, 98

 165, 108, 122

 165, 59, 85

 165, 125, 135

■ 165, 42, 73

■ 165, 141, 147

■ 165, 26, 60

■ 165, 158, 160

■ 165, 9, 48

■ 165, 170, 174

■ 165, 0, 41

■ 165, 180, 191

■ 165, 189, 207

■ 165, 199, 224

■ 165, 208, 240

Harmonies

Analogous

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



152, 96, 137



165, 92, 110



163, 98, 84

Triad

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



165, 92, 110



69, 121, 92



10, 75, 163

Complementary

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



165, 92, 110



92, 134, 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, 67, 144



165, 92, 110



63, 107, 126

Square

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



165, 92, 110



74, 126, 59



2, 68, 128



80, 105, 168

Rectangle

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



165, 92, 110



155, 119, 70



2, 68, 128



0, 70, 158

Sweetspot

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



165, 92, 110



214, 186, 193



147, 92, 165



107, 90, 94



235, 235, 235



107, 107, 107

Same Dimension

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



165, 92, 110



214, 101, 129



165, 116, 92



82, 73, 75



145, 0, 36



18, 0, 4

Inverse Universe

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



165, 92, 110



214, 101, 129



92, 123, 165



82, 73, 75



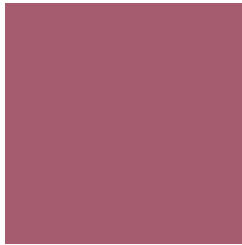
145, 0, 36



18, 0, 4

Previews

White Background



This preview shows how the RYB color 165, 92, 110 looks on a white background.

Color Contrast Check

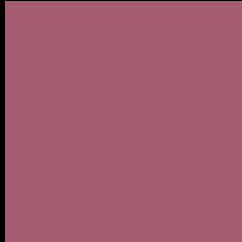
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92, 110 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](#).

RYB 165, 92, 110 Background



This preview shows how black text looks on a background with the RYB color 165, 92, 110.

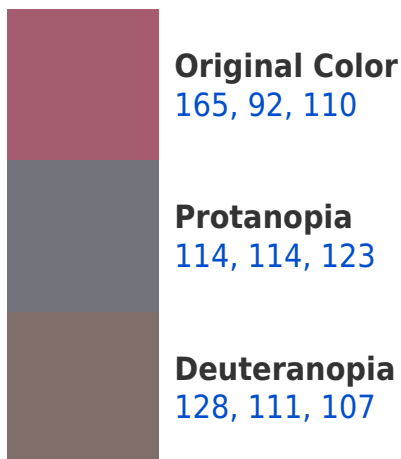


This preview shows how white text looks on a background with the RYB color 165, 92, 110.

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
164, 94, 101

Trichromacy



Original Color
165, 92, 110

Protanomaly
133, 106, 118

Deuteranomaly
141, 103, 108

Tritanomaly
164, 93, 104

Monochromacy



Original Color
165, 92, 110

Achromatopsia
116, 116, 116

Achromatomaly
134, 107, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 92, 110 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, 92, 110)` looks like.

```
.text, #text, p{  
    color:rgb(165, 92, 110)  
}
```

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, 92, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 92, 110) }
```

Border

The CSS property to change the border of an element to RYB 165, 92, 110 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, 92, 110) }
```

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

```
.border{ border-color:rgb(165, 92, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 92, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 92, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 92, 110);  
box-shadow:4px 4px 4px 4px rgb(165, 92,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 165, 92, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 92, 110) }
```

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

```
.background{ background-color: rgb(165, 92,  
110) }
```

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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