

Converting Colors

`RYB(194, 90, 103)`

Have a look what the booklet for
RYB(194, 90, 103) contains.

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Color

R_YB(194, 90, 103)

Conversions

Conversions Part 1

Format	Color
Hex	C25A67
RGB	194, 90, 103
RGB Percent	76%, 35%, 40%
CMY	0.2392, 0.6471, 0.5961
CMYK	0.00, 0.54, 0.47, 0.24
HSL	352°, 46%, 56%
HSV	352°, 54%, 76%
XYZ	28.3525, 19.7609, 15.1519
YIQ	122.5780, 57.8110, 26.0910

Conversions

Conversions Part 2

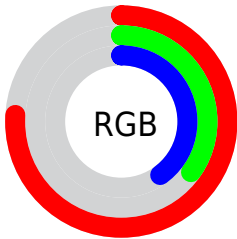
Format	Color
RYB	194, 90, 103
Decimal	12737127
CIELab	51.57, 42.85, 12.85
CIElCh	52, 44.737, 16.695
Yxy	19.7609, 0.4482, 0.3124
Android (android.graphics.Color)	4290927207 (0xFFC25A67)
YUV	122.5780, -9.6520, 62.6371
Hunter-Lab	44.4533, 36.0548, 10.9083

Details

The RYB color **194, 90, 103** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **90, 145, 194**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **254, 143, 154**, and **136, 38, 56** is the 20% darker color. If you saturate the color by 10%, you get **194, 71, 86**, and if you desaturate by 10%, it is **194, 109, 120**.

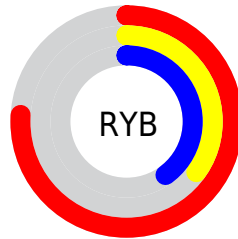
Distribution



Red (76%)

Green (35%)

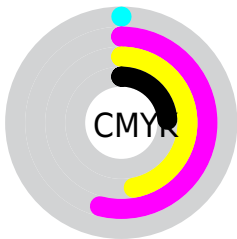
Blue (40%)



Red (76%)

Yellow (35%)

Blue (40%)

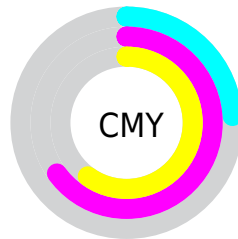


Cyan (0%)

Magenta (54%)

Yellow (47%)

Black (24%)



Cyan (24%)

Magenta (65%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the RYB color 194, 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 194, 90, 103 by changing the saturation by 10% instead.

 194, 90, 103

255, 255, 255

 254, 143, 154

 255, 170, 181

 255, 198, 208

 255, 227, 236

 194, 90, 103

 165, 64, 79

 136, 38, 56

 108, 4, 35

 80, 0, 14

 55, 0, 1


 16, 0, 0

 0, 0, 0

 194, 90, 103

 194, 71, 86

 194, 90, 103

 194, 109, 120

194, 51, 69

194, 129, 137

194, 32, 52

194, 148, 154

194, 12, 35

194, 168, 171

194, 0, 24

194, 187, 188

194, 200, 206

194, 211, 226

194, 221, 245

194, 225, 255

Harmonies

Analogous

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



185, 91, 142



194, 90, 103



184, 111, 69

Triad

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



194, 90, 103



68, 136, 124



0, 79, 197

Complementary

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



194, 90, 103



90, 145, 194

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, 78, 178



194, 90, 103



0, 81, 141

Square

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



194, 90, 103



45, 127, 48



0, 71, 144



95, 115, 196

Rectangle

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



194, 90, 103



168, 168, 52



0, 71, 144



0, 79, 193

Sweetspot

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



194, 90, 103



252, 212, 217



180, 90, 194



128, 103, 106



0, 0, 0



128, 128, 128

Same Dimension

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



194, 90, 103



252, 91, 111



194, 150, 90



97, 87, 88



161, 0, 20



33, 0, 4

Inverse Universe

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



194, 90, 103



252, 91, 111



90, 130, 194



97, 87, 88



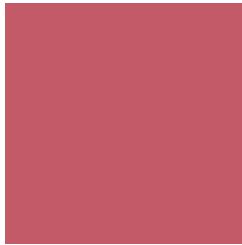
161, 0, 20



33, 0, 4

Previews

White Background



This preview shows how the RYB color 194, 90, 103 looks on a white background.

Color Contrast Check

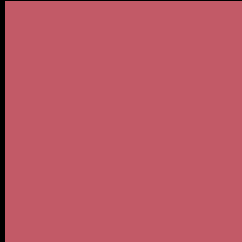
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 90, 103 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](#).

R Y B 194, 90, 103 Background



This preview shows how black text looks on a background with the RYB color 194, 90, 103.

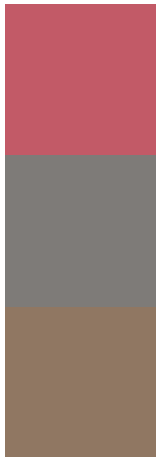


This preview shows how white text looks on a background with the RYB color 194, 90, 103.

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



Original Color
194, 90, 103

Protanopia
126, 126, 120

Deuteranopia
144, 137, 98



Tritanopia
194, 91, 97

Trichromacy



Original Color

194, 90, 103

Protanomaly

151, 111, 114

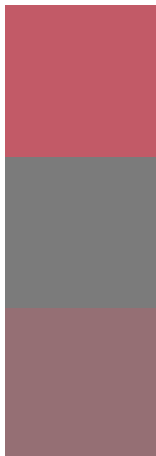
Deuteranomaly

162, 109, 100

Tritanomaly

194, 91, 99

Monochromacy



Original Color

194, 90, 103

Achromatopsia

123, 123, 123

Achromatomaly

149, 111, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 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(194, 90, 103)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 90, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 90, 103) }
```

Border

The CSS property to change the border of an element to RYB 194, 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(194, 90, 103) }
```

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

```
.border{ border-color:rgb(194, 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(194, 90, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 90, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 90, 103);  
box-shadow:4px 4px 4px 4px rgb(194, 90,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 194, 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(194, 90, 103) }
```

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

```
.background{ background-color: rgb(194, 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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