

Converting Colors

`RYB(213, 88, 103)`

Have a look what the booklet for
RYB(213, 88, 103) contains.

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Color

`RYB(213, 88, 103)`

Conversions

Conversions Part 1

Format	Color
Hex	D55867
RGB	213, 88, 103
RGB Percent	84%, 35%, 40%
CMY	0.1647, 0.6549, 0.5961
CMYK	0.00, 0.59, 0.52, 0.16
HSL	353°, 60%, 59%
HSV	353°, 59%, 84%
XYZ	33.3785, 22.1049, 15.3394
YIQ	127.0850, 69.6850, 31.1650

Conversions

Conversions Part 2

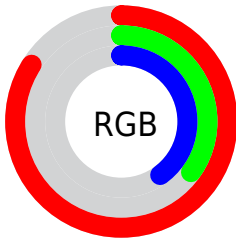
Format	Color
R_{YB}	213, 88, 103
Decimal	13981799
CIE _{Lab}	54.14, 50.44, 16.86
CIE _{LCh}	54, 53.184, 18.483
Yxy	22.1049, 0.4713, 0.3121
Android (android.graphics.Color)	4292171879 (0xFFD55867)
YUV	127.0850, -11.8739, 75.3475
Hunter-Lab	47.0158, 44.4469, 13.5671

Details

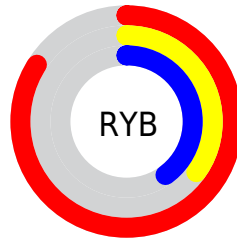
The RYB color **213, 88, 103** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **88, 154, 213**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **255, 142, 154**, and **153, 31, 56** is the 20% darker color. If you saturate the color by 10%, you get **213, 67, 84**, and if you desaturate by 10%, it is **213, 109, 122**.

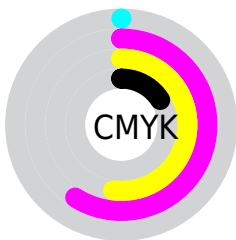
Distribution



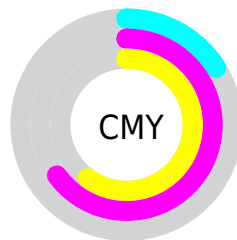
- Red (84%)
- Green (35%)
- Blue (40%)



- Red (84%)
- Yellow (35%)
- Blue (40%)



- Cyan (0%)
- Magenta (59%)
- Yellow (52%)
- Black (16%)




- Cyan (16%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 88, 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 213, 88, 103 by changing the saturation by 10% instead.

 213, 88, 103

 213, 88, 103

255, 255, 255

 183, 61, 79

 255, 142, 154

 153, 31, 56

 255, 170, 181

 124, 0, 35

 255, 198, 208

 95, 0, 14

 255, 227, 236

 67, 0, 1

 39, 0, 1


 0, 0, 0

 213, 88, 103

 213, 88, 103

 213, 67, 84

 213, 109, 122


 213, 45, 66

 213, 131, 140

 213, 24, 47

 213, 152, 159

 213, 3, 28

 213, 173, 178

 213, 0, 26

 213, 195, 197

 213, 215, 216

 213, 226, 237

 213, 235, 255

 213, 234, 255

Harmonies

Analogous

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



204, 89, 149



213, 88, 103



199, 121, 62

Triad

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



213, 88, 103



65, 145, 139



0, 85, 219

Complementary

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



213, 88, 103



88, 154, 213

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, 85, 197



213, 88, 103



0, 87, 150

Square

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



213, 88, 103



33, 136, 43



0, 77, 157



97, 120, 217

Rectangle

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



213, 88, 103



161, 180, 40



0, 77, 157



0, 86, 215

Sweetspot

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



213, 88, 103



255, 209, 215



196, 88, 213



128, 99, 103



0, 0, 0



128, 128, 128

Same Dimension

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



213, 88, 103



255, 77, 98



213, 161, 88



107, 96, 98



171, 0, 21



43, 0, 5

Inverse Universe

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



213, 88, 103



255, 77, 98



88, 136, 213



107, 96, 98



171, 0, 21



43, 0, 5

Previews

White Background



This preview shows how the RYB color 213, 88, 103 looks on a white background.

Color Contrast Check

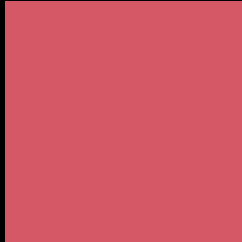
Large Text (above 18pt) WCAG AA ✓ Pass

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 213, 88, 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 213, 88, 103 Background



This preview shows how black text looks on a background with the RYB color 213, 88, 103.

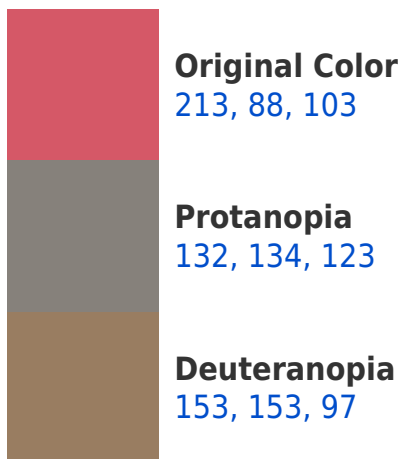



This preview shows how white text looks on a background with the RYB color 213, 88, 103.

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](#).

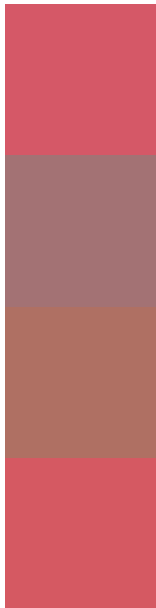
Dichromacy





Tritanopia
213, 89, 95

Trichromacy



Original Color
213, 88, 103

Protanomaly
163, 114, 116

Deuteranomaly
175, 115, 99

Tritanomaly
213, 89, 98

Monochromacy



Original Color
213, 88, 103

Achromatopsia
127, 127, 127

Achromatomaly
158, 113, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 88, 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(213, 88, 103)` looks like.

```
.text, #text, p{  
    color:rgb(213, 88, 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(213, 88, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 88, 103) }
```

Border

The CSS property to change the border of an element to RYB 213, 88, 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(213, 88, 103) }
```

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

```
.border{ border-color:rgb(213, 88, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 88, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 88, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 88, 103);  
box-shadow:4px 4px 4px 4px rgb(213, 88,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 213, 88, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 88, 103) }
```

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

```
.background{ background-color: rgb(213, 88,  
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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