

Converting Colors

`RYB(198, 103, 133)`

Have a look what the booklet for
RYB(198, 103, 133) contains.

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Color

R_YB(198, 103, 133)

Conversions

Conversions Part 1

Format	Color
Hex	C66785
RGB	198, 103, 133
RGB Percent	78%, 40%, 52%
CMY	0.2235, 0.5961, 0.4784
CMYK	0.00, 0.48, 0.33, 0.22
HSL	341°, 45%, 59%
HSV	341°, 48%, 78%
XYZ	32.3726, 23.3997, 25.0007
YIQ	134.8250, 46.9900, 29.4700

Conversions

Conversions Part 2

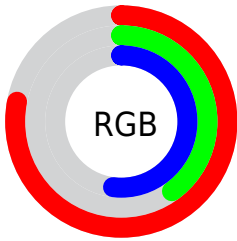
Format	Color
R_{YB}	198, 103, 133
Decimal	13002629
CIE _{Lab}	55.48, 41.07, 0.78
CIE _{LCh}	55, 41.077, 1.081
Yxy	23.3997, 0.4008, 0.2897
Android (android.graphics.Color)	4291192709 (0xFFC66785)
YUV	134.8250, -0.8997, 55.4045
Hunter-Lab	48.3733, 34.8035, 3.2185

Details

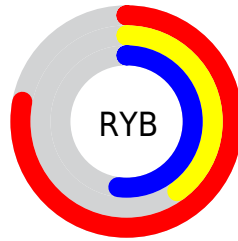
The RYB color **198, 103, 133** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **103, 159, 198**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 156, 186**, and **141, 52, 84** is the 20% darker color. If you saturate the color by 10%, you get **198, 83, 119**, and if you desaturate by 10%, it is **198, 123, 147**.

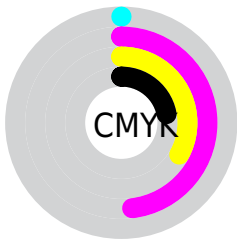
Distribution



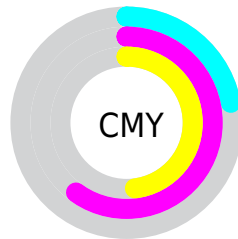
- Red (78%)
- Green (40%)
- Blue (52%)



- Red (78%)
- Yellow (40%)
- Blue (52%)



- Cyan (0%)
- Magenta (48%)
- Yellow (33%)
- Black (22%)




- Cyan (22%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 103, 133 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 198, 103, 133 by changing the saturation by 10% instead.

 198, 103, 133

255, 255, 255

 255, 156, 186


 255, 184, 214


 255, 212, 242

 255, 241, 255

 198, 103, 133

 169, 77, 108

 141, 52, 84

 114, 25, 61

 87, 0, 39

 61, 0, 18


 35, 0, 1

 0, 0, 0

 198, 103, 133

 198, 83, 119

 198, 103, 133

 198, 123, 147

198, 63, 106

198, 143, 160

198, 44, 92

198, 162, 174

198, 24, 79

198, 182, 187

198, 4, 65

198, 200, 202

198, 0, 63

198, 212, 222

198, 224, 242

198, 230, 255

198, 227, 255

Harmonies

Analogous

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



178, 110, 168



198, 103, 133



198, 108, 98

Triad

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



198, 103, 133



70, 142, 96



0, 83, 195

Complementary

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



198, 103, 133



103, 159, 198

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, 79, 169



198, 103, 133



70, 128, 148

Square

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



198, 103, 133



88, 153, 59



0, 80, 151



72, 115, 204

Rectangle

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



198, 103, 133



189, 130, 79



0, 80, 151



0, 83, 187

Sweetspot

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



198, 103, 133



255, 219, 231



168, 103, 198



128, 106, 113



0, 0, 0



128, 128, 128

Same Dimension

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



198, 103, 133



255, 107, 154



198, 124, 103



99, 90, 93



163, 0, 52



36, 0, 11

Inverse Universe

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



198, 103, 133



255, 107, 154



103, 146, 198



99, 90, 93



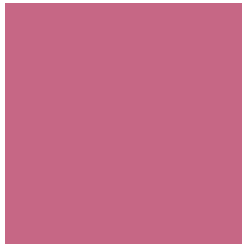
163, 0, 52



36, 0, 11

Previews

White Background



This preview shows how the RYB color 198, 103, 133 looks on a white background.

Color Contrast Check

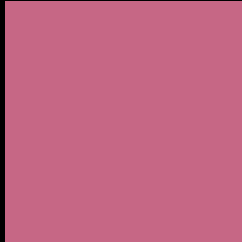
Large Text (above 18pt) WCAG AA ✓ Pass

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 198, 103, 133 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 198, 103, 133 Background



This preview shows how black text looks on a background with the RYB color 198, 103, 133.




This preview shows how white text looks on a background with the RYB color 198, 103, 133.

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
196, 106, 114

Trichromacy



Original Color
198, 103, 133

Protanomaly
155, 121, 144

Deuteranomaly
166, 120, 130

Tritanomaly
197, 105, 121

Monochromacy



Original Color
198, 103, 133

Achromatopsia
135, 135, 135

Achromatomaly
158, 123, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 103, 133 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(198, 103, 133)` looks like.

```
.text, #text, p{  
    color:rgb(198, 103, 133)  
}
```

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(198, 103, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 103, 133) }
```

Border

The CSS property to change the border of an element to RYB 198, 103, 133 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(198, 103, 133) }
```

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

```
.border{ border-color:rgb(198, 103, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 103, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 103, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 103, 133);  
box-shadow:4px 4px 4px 4px rgb(198, 103,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 198, 103, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 103, 133) }
```

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

```
.background{ background-color: rgb(198,  
103, 133) }
```

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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