

Converting Colors

`RYB(203, 103, 106)`

Have a look what the booklet for
RYB(203, 103, 106) contains.

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Color

R_{YB}(203, 103, 106)

Conversions

Conversions Part 1

Format	Color
Hex	CB676A
RGB	203, 103, 106
RGB Percent	80%, 40%, 42%
CMY	0.2039, 0.5961, 0.5843
CMYK	0.00, 0.49, 0.48, 0.20
HSL	358°, 49%, 60%
HSV	358°, 49%, 80%
XYZ	32.0804, 23.4376, 16.4688
YIQ	133.2420, 58.6370, 22.1330

Conversions

Conversions Part 2

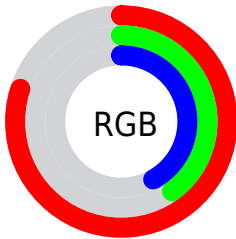
Format	Color
R_{YB}	203, 103, 106
Decimal	13330282
CIE _{Lab}	55.52, 39.85, 16.75
CIE _{LCh}	56, 43.227, 22.799
Yxy	23.4376, 0.4456, 0.3256
Android (android.graphics.Color)	4291520362 (0xFFCB676A)
YUV	133.2420, -13.4303, 61.1778
Hunter-Lab	48.4124, 33.5609, 13.7196

Details

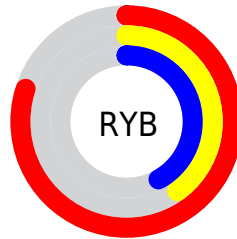
The RYB color **203, 103, 106** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **103, 154, 203**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 156, 157**, and **145, 52, 59** is the 20% darker color. If you saturate the color by 10%, you get **203, 83, 86**, and if you desaturate by 10%, it is **203, 123, 126**.

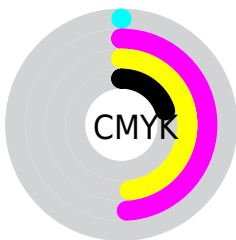
Distribution



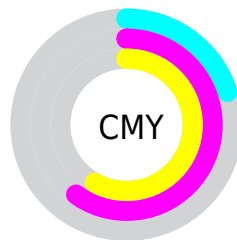
- Red (80%)
- Green (40%)
- Blue (42%)



- Red (80%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (49%)
- Yellow (48%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 103, 106 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 203, 103, 106 by changing the saturation by 10% instead.

 203, 103, 106

 203, 103, 106

255, 255, 255

 174, 77, 82

 255, 156, 157

 145, 52, 59

 255, 184, 184

 117, 25, 37

 255, 212, 212

 89, 0, 17

 255, 241, 240

 62, 0, 0


 34, 0, 1

 0, 0, 0

 203, 103, 106

 203, 103, 106


 203, 83, 86

 203, 123, 126

 203, 62, 67

 203, 144, 145

 203, 42, 47

 203, 164, 165

 203, 22, 27

 203, 184, 185

 203, 2, 8

 203, 204, 205

 203, 0, 6

 203, 214, 225

 203, 224, 245

 203, 229, 255

Harmonies

Analogous

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



198, 102, 144



203, 103, 106



190, 135, 74

Triad

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



203, 103, 106



82, 143, 147



30, 98, 207

Complementary

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



203, 103, 106



103, 154, 203

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, 84, 192



203, 103, 106



0, 84, 151

Square

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



203, 103, 106



61, 140, 74



0, 78, 161



121, 127, 202

Rectangle

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



203, 103, 106



150, 173, 60



0, 78, 161



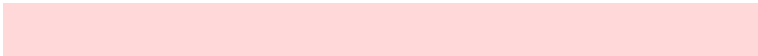
0, 84, 204

Sweetspot

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



203, 103, 106



255, 217, 218



200, 103, 203



128, 105, 105



0, 0, 0



128, 128, 128

Same Dimension

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



203, 103, 106



255, 105, 109



203, 192, 103



102, 92, 92



166, 0, 5



38, 0, 1

Inverse Universe

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



203, 103, 106



255, 105, 109



103, 138, 203



102, 92, 92



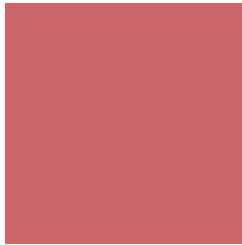
166, 0, 5



38, 0, 1

Previews

White Background



This preview shows how the RYB color 203, 103, 106 looks on a white background.

Color Contrast Check

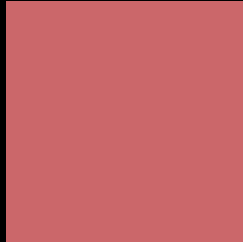
Large Text (above 18pt) WCAG AA ✓ Pass

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 203, 103, 106 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 203, 103, 106 Background



This preview shows how black text looks on a background with the RYB color 203, 103, 106.

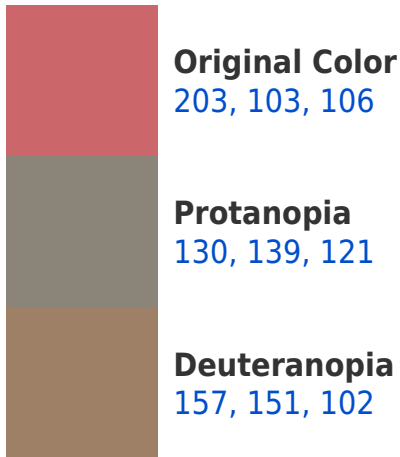


This preview shows how white text looks on a background with the RYB color 203, 103, 106.

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
203, 102, 110

Trichromacy



Original Color
203, 103, 106

Protanomaly
162, 123, 116

Deuteranomaly
174, 124, 103

Tritanomaly
203, 102, 109

Monochromacy



Original Color
203, 103, 106

Achromatopsia
133, 133, 133

Achromatomaly
158, 122, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 103, 106 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(203, 103, 106)` looks like.

```
.text, #text, p{  
    color:rgb(203, 103, 106)  
}
```

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(203, 103, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 103, 106) }
```

Border

The CSS property to change the border of an element to RYB 203, 103, 106 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(203, 103, 106) }
```

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

```
.border{ border-color:rgb(203, 103, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 103, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 103, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 103, 106);  
box-shadow:4px 4px 4px 4px rgb(203, 103,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 203, 103, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 103, 106) }
```

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

```
.background{ background-color: rgb(203,  
103, 106) }
```

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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