

Converting Colors

`RYB(210, 139, 153)`

Have a look what the booklet for
RYB(210, 139, 153) contains.

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Color

$\text{RYB}(210, 139, 153)$

Conversions

Conversions Part 1

Format	Color
Hex	D28B99
RGB	210, 139, 153
RGB Percent	82%, 55%, 60%
CMY	0.1765, 0.4549, 0.4000
CMYK	0.00, 0.34, 0.27, 0.18
HSL	348°, 44%, 68%
HSV	348°, 34%, 82%
XYZ	41.5607, 34.4668, 34.5993
YIQ	161.8250, 37.8220, 19.4060

Conversions

Conversions Part 2

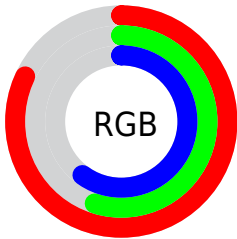
Format	Color
R _Y B	210, 139, 153
Decimal	13798297
CIE Lab	65.33, 28.94, 3.75
CIE LCh	65, 29.181, 7.379
Yxy	34.4668, 0.3757, 0.3116
Android (android.graphics.Color)	4291988377 (0xFFD28B99)
YUV	161.8250, -4.3507, 42.2495
Hunter-Lab	58.7084, 23.6236, 6.1539

Details

The RYB color **210, 139, 153** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **139, 178, 210**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 193, 207**, and **154, 88, 102** is the 20% darker color. If you saturate the color by 10%, you get **210, 118, 136**, and if you desaturate by 10%, it is **210, 160, 170**.

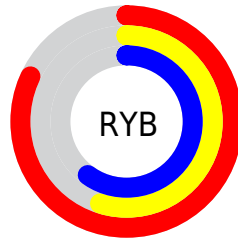
Distribution



Red (82%)

Green (55%)

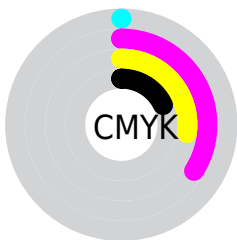
Blue (60%)



Red (82%)

Yellow (55%)

Blue (60%)

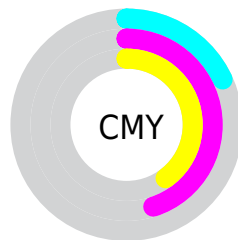


Cyan (0%)

Magenta (34%)

Yellow (27%)

Black (18%)



Cyan (18%)


Magenta (45%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RYB color 210, 139, 153 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 210, 139, 153 by changing the saturation by 10% instead.

 210, 139, 153

 210, 139, 153

255, 255, 255

 182, 113, 127

 255, 193, 207

 154, 88, 102


 255, 221, 235

 127, 64, 78

 255, 250, 255

 100, 40, 55


 75, 16, 34

 51, 0, 12


 20, 0, 0


 0, 0, 0


 210, 139, 153


 210, 139, 153

 210, 118, 136

 210, 160, 170

 210, 97, 119

 210, 181, 187

 210, 76, 102


 210, 202, 204

 210, 55, 86

 210, 217, 223

 210, 34, 69

 210, 229, 244

 210, 13, 52

 210, 233, 255

 210, 0, 41

 210, 233, 255

Harmonies

Analogous

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



197, 142, 179



210, 139, 153



208, 145, 128

Triad

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



210, 139, 153



116, 167, 141



96, 139, 206

Complementary

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



210, 139, 153



139, 178, 210

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.



73, 126, 189



210, 139, 153



111, 152, 171

Square

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



210, 139, 153



120, 170, 107



83, 130, 173



134, 153, 210

Rectangle

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



210, 139, 153



200, 166, 115



83, 130, 173



85, 134, 202

Sweetspot

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



210, 139, 153



255, 230, 235



196, 139, 210



128, 112, 115



0, 0, 0



128, 128, 128

Same Dimension

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



210, 139, 153



255, 150, 171



210, 169, 139



105, 94, 96



168, 0, 33



41, 0, 8

Inverse Universe

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



210, 139, 153



255, 150, 171



139, 168, 210



105, 94, 96



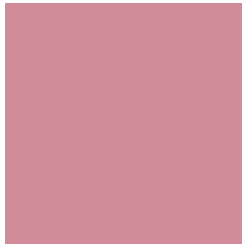
168, 0, 33



41, 0, 8

Previews

White Background



This preview shows how the RYB color 210, 139, 153 looks on a white background.

Color Contrast Check

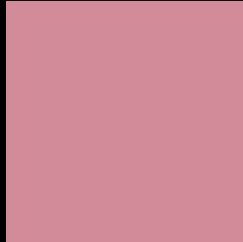
Large Text (above 18pt) WCAG AA × Fail

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 210, 139, 153 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 210, 139, 153 Background



This preview shows how black text looks on a background with the RYB color 210, 139, 153.




This preview shows how white text looks on a background with the RYB color 210, 139, 153.

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
210, 139, 150

Trichromacy



Original Color
210, 139, 153

Protanomaly
178, 151, 160

Deuteranomaly
190, 149, 151

Tritanomaly
210, 139, 151

Monochromacy



Original Color
210, 139, 153

Achromatopsia
162, 162, 162

Achromatomaly
179, 154, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 139, 153 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(210, 139, 153) looks like.

```
.text, #text, p{  
    color:rgb(210, 139, 153)  
}
```

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(210, 139, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 139, 153) }
```

Border

The CSS property to change the border of an element to RYB 210, 139, 153 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(210, 139, 153) }
```

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

```
.border{ border-color:rgb(210, 139, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 139, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 139, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 139, 153);  
box-shadow:4px 4px 4px 4px rgb(210, 139,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 210, 139, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 139, 153) }
```

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

```
.background{ background-color: rgb(210,  
139, 153) }
```

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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