

Converting Colors

`RYB(200, 158, 151)`

Have a look what the booklet for
RYB(200, 158, 151) contains.

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Color

R_YB(200, 158, 151)

Conversions

Conversions Part 1

Format	Color
Hex	C89D97
RGB	200, 157, 151
RGB Percent	78%, 62%, 59%
CMY	0.2157, 0.3838, 0.4078
CMYK	0.00, 0.21, 0.24, 0.22
HSL	8°, 31%, 69%
HSV	8°, 24%, 78%
XYZ	41.4835, 38.6700, 34.5558
YIQ	169.1730, 27.5540, 7.2500

Conversions

Conversions Part 2

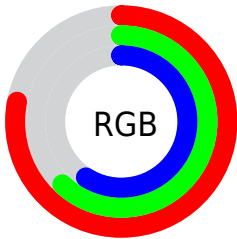
Format	Color
R _Y B	200, 158, 151
Decimal	13147543
CIE Lab	68.51, 15.00, 9.29
CIE LCh	69, 17.640, 31.771
Yxy	38.6700, 0.3616, 0.3371
Android (android.graphics.Color)	4291337623 (0xFFC89D97)
YUV	169.1730, -8.9593, 27.0353
Hunter-Lab	62.1852, 10.2524, 10.5827

Details

The RYB color **200, 158, 151** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **151, 174, 200**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 213, 205**, and **145, 107, 100** is the 20% darker color. If you saturate the color by 10%, you get **200, 141, 131**, and if you desaturate by 10%, it is **200, 176, 171**.

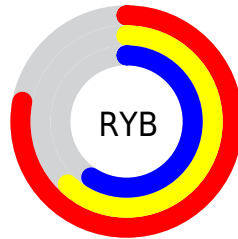
Distribution



Red (78%)

Green (62%)

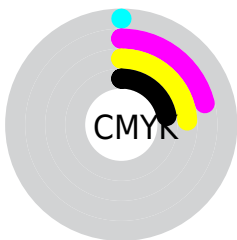
Blue (59%)



Red (78%)

Yellow (62%)

Blue (59%)

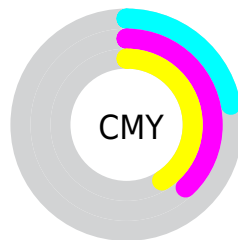


Cyan (0%)

Magenta (21%)

Yellow (24%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RYB color 200, 158, 151 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 200, 158, 151 by changing the saturation by 10% instead.

 200, 158, 151

 200, 158, 151


255, 255, 255

 172, 132, 125

 255, 213, 205

 145, 107, 100

 255, 243, 233

 119, 82, 76

 93, 58, 54


 69, 36, 32


 46, 16, 9


 20, 0, 0


 0, 0, 0


 200, 158, 151


 200, 158, 151

 200, 141, 131


 200, 176, 171

 200, 124, 111

 200, 192, 191

 200, 107, 91


 200, 205, 211

 200, 89, 71

 200, 214, 231

 200, 73, 51

 200, 224, 251

 200, 55, 31

 200, 228, 255

 200, 38, 11

 200, 29, 0

Harmonies

Analogous

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



199, 156, 167



200, 158, 151



193, 175, 140

Triad

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



200, 158, 151



143, 168, 175



150, 163, 199

Complementary

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



200, 158, 151



151, 174, 200

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.



132, 157, 195



200, 158, 151



129, 155, 176

Square

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



200, 158, 151



140, 171, 150



124, 152, 183



171, 163, 194

Rectangle

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



200, 158, 151



170, 184, 136



124, 152, 183



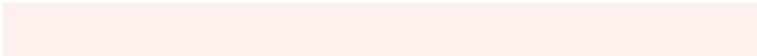
144, 162, 198

Sweetspot

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



200, 158, 151



255, 239, 237



200, 151, 194



128, 119, 117



0, 0, 0



128, 128, 128

Same Dimension

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



200, 158, 151



255, 191, 181



182, 200, 151



99, 91, 90



163, 23, 0



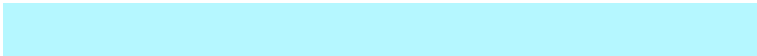
36, 5, 0

Inverse Universe

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



151, 174, 200



181, 216, 255



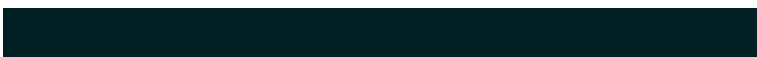
151, 165, 200



90, 94, 99



0, 76, 163



0, 17, 36

Previews

White Background



This preview shows how the RYB color 200, 158, 151 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 200, 158, 151 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 200, 158, 151 Background



This preview shows how black text looks on a background with the RYB color 200, 158, 151.



This preview shows how white text looks on a background with the RYB color 200, 158, 151.

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
200, 158, 151

Protanopia
165, 173, 156

Deuteranopia
190, 165, 150



Tritanopia

202, 155, 167

Trichromacy



Original Color
200, 158, 151

Protanomaly
183, 167, 154

Deuteranomaly
194, 163, 150

Tritanomaly
201, 156, 161

Monochromacy



Original Color
200, 158, 151

Achromatopsia
169, 169, 169

Achromatomaly
180, 166, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 158, 151 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(200, 157, 151) looks like.

```
.text, #text, p{  
    color:rgb(200, 157, 151)  
}
```

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(200, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 157, 151) }
```

Border

The CSS property to change the border of an element to RYB 200, 158, 151 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(200, 157, 151) }
```

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

```
.border{ border-color:rgb(200, 157, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(200, 157,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 200, 158, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 157, 151) }
```

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

```
.background{ background-color: rgb(200,  
157, 151) }
```

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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