

Converting Colors

`RYB(190, 163, 158)`

Have a look what the booklet for
RYB(190, 163, 158) contains.

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Color

R_YB(190, 163, 158)

Conversions

Conversions Part 1

Format	Color
Hex	BEA29E
RGB	190, 162, 158
RGB Percent	75%, 64%, 62%
CMY	0.2549, 0.3634, 0.3804
CMYK	0.00, 0.15, 0.17, 0.25
HSL	8°, 20%, 68%
HSV	8°, 17%, 75%
XYZ	40.3843, 39.3708, 37.8186
YIQ	169.9160, 17.9720, 4.6920

Conversions

Conversions Part 2

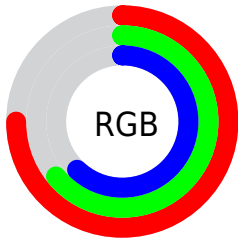
Format	Color
RYB	190, 163, 158
Decimal	12493470
CIELab	69.02, 9.43, 6.00
CIELCh	69, 11.175, 32.459
Yxy	39.3708, 0.3435, 0.3349
Android (android.graphics.Color)	4290683550 (0xFFBEA29E)
YUV	169.9160, -5.8746, 17.6137
Hunter-Lab	62.7462, 5.0792, 8.1869

Details

The RYB color **190, 163, 158** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **158, 173, 190**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **247, 218, 213**, and **136, 110, 107** is the 20% darker color. If you saturate the color by 10%, you get **190, 147, 139**, and if you desaturate by 10%, it is **190, 179, 177**.

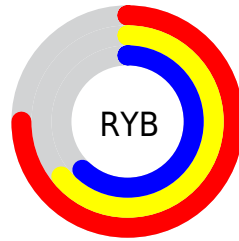
Distribution



Red (75%)

Green (64%)

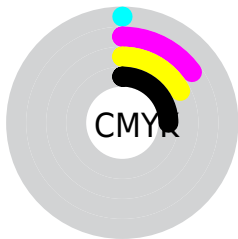
Blue (62%)



Red (75%)

Yellow (64%)

Blue (62%)

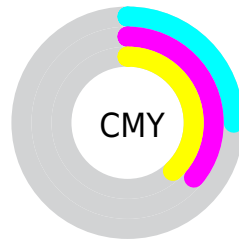


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 163, 158 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 190, 163, 158 by changing the saturation by 10% instead.


 190, 163, 158

255, 255, 255


 247, 218, 213

 255, 249, 241

 190, 163, 158


 163, 137, 132

 136, 112, 107

 111, 86, 83

 86, 63, 60


 62, 41, 38

 40, 20, 17


 13, 0, 0


 0, 0, 0


 190, 163, 158


 190, 163, 158

 190, 147, 139

 190, 179, 177

 190, 130, 120

 190, 193, 196

 190, 115, 101

 190, 202, 215

 190, 99, 82

 190, 210, 234

 190, 83, 63

 190, 219, 253

 190, 67, 44

 190, 223, 255

 190, 50, 25

 190, 35, 6

 190, 30, 0

Harmonies

Analogous

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



189, 162, 168



190, 163, 158



185, 175, 151

Triad

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



190, 163, 158



153, 168, 173



159, 166, 188

Complementary

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



190, 163, 158



158, 173, 190

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.



148, 163, 186



190, 163, 158



145, 162, 175

Square

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



190, 163, 158



151, 171, 157



143, 160, 179



172, 166, 185

Rectangle

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



190, 163, 158



169, 179, 149



143, 160, 179



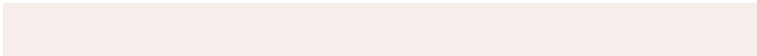
155, 165, 188

Sweetspot

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



190, 163, 158



247, 237, 235



190, 158, 186



125, 118, 117



252, 252, 252



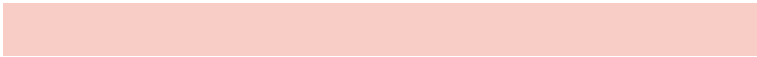
125, 125, 125

Same Dimension

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



190, 163, 158



247, 206, 198



177, 190, 158



94, 86, 85



158, 24, 0



31, 5, 0

Inverse Universe

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



158, 173, 190



198, 221, 247



158, 167, 190



85, 89, 94



0, 73, 158



0, 14, 31

Previews

White Background



This preview shows how the RYB color 190, 163, 158 looks on a white background.

Color Contrast Check

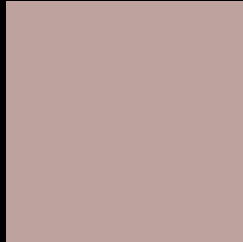
Large Text (above 18pt) WCAG AA × Fail

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 190, 163, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

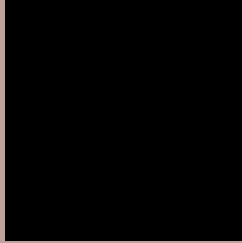
Any Text WCAG AA ✓ Pass

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 190, 163, 158 Background



This preview shows how black text looks on a background with the RYB color 190, 163, 158.



This preview shows how white text looks on a background with the RYB color 190, 163, 158.

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
190, 163, 158

Protanopia
170, 173, 161

Deuteranopia
189, 164, 158



Tritanopia
192, 160, 173

Trichromacy



Original Color
190, 163, 158

Protanomaly
179, 169, 160

Deuteranomaly
189, 164, 158

Tritanomaly
191, 161, 168

Monochromacy



Original Color
190, 163, 158

Achromatopsia
170, 170, 170

Achromatomaly
177, 167, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 163, 158 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(190, 162, 158) looks like.

```
.text, #text, p{  
    color:rgb(190, 162, 158)  
}
```

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(190, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 162, 158) }
```

Border

The CSS property to change the border of an element to RYB 190, 163, 158 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(190, 162, 158) }
```

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

```
.border{ border-color:rgb(190, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(190, 162,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 190, 163, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 162, 158) }
```

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

```
.background{ background-color: rgb(190,  
162, 158) }
```

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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