

Converting Colors

`RYB(191, 161, 161)`

Have a look what the booklet for
RYB(191, 161, 161) contains.

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Color

R_YB(191, 161, 161)

Conversions

Conversions Part 1

Format	Color
Hex	BFA1A1
RGB	191, 161, 161
RGB Percent	75%, 63%, 63%
CMY	0.2510, 0.3686, 0.3686
CMYK	0.00, 0.16, 0.16, 0.25
HSL	0°, 19%, 69%
HSV	0°, 16%, 75%
XYZ	40.6637, 39.1393, 39.1296
YIQ	169.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

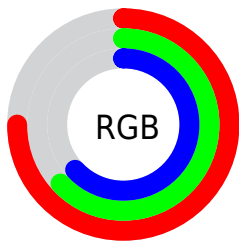
Format	Color
RYB	191, 161, 161
Decimal	12558753
CIELab	68.85, 11.01, 4.10
CIELCh	69, 11.754, 20.434
Yxy	39.1393, 0.3419, 0.3291
Android (android.graphics.Color)	4290748833 (0xFFBFA1A1)
YUV	169.9700, -4.4222, 18.4433
Hunter-Lab	62.5614, 6.5392, 6.7095

Details

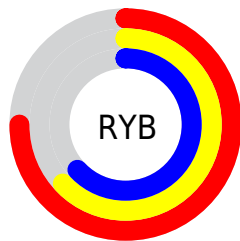
The RYB color **191, 161, 161** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **161, 176, 191**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **248, 216, 216**, and **137, 109, 110** is the 20% darker color. If you saturate the color by 10%, you get **191, 142, 142**, and if you desaturate by 10%, it is **191, 180, 180**.

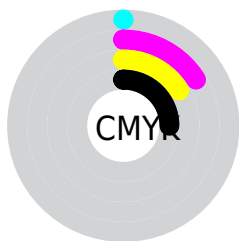
Distribution



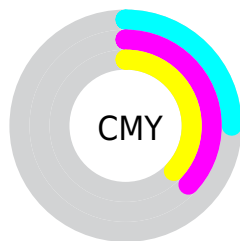
- Red (75%)
- Green (63%)
- Blue (63%)



- Red (75%)
- Yellow (63%)
- Blue (63%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (25%)





- Cyan (25%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RYB color 191, 161, 161 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 191, 161, 161 by changing the saturation by 10% instead.

 191, 161, 161

 191, 161, 161

255, 255, 255

 164, 135, 135

 248, 216, 216


 137, 109, 110

 255, 244, 244

 112, 85, 85


 87, 62, 62


 63, 40, 40


 40, 19, 20


 15, 0, 0


 0, 0, 0


 191, 161, 161


 191, 161, 161

 191, 142, 142


 191, 180, 180

 191, 123, 123


 191, 195, 199

 191, 104, 104

 191, 205, 218

 191, 85, 85

 191, 214, 237

 191, 66, 66

 191, 223, 255

 191, 46, 46

 191, 27, 27

 191, 8, 8

 191, 0, 0

Harmonies

Analogous

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



188, 161, 172



191, 161, 161



188, 168, 152

Triad

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



191, 161, 161



154, 172, 169



153, 165, 189

Complementary

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



191, 161, 161



161, 176, 191

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.



144, 161, 184



191, 161, 161



146, 163, 174

Square

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



191, 161, 161



148, 170, 149



141, 158, 175



166, 166, 188

Rectangle

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



191, 161, 161



183, 181, 148



141, 158, 175



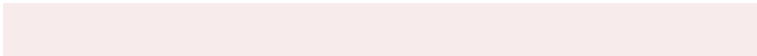
149, 163, 188

Sweetspot

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



191, 161, 161



247, 235, 235



191, 161, 191



125, 117, 117



252, 252, 252



125, 125, 125

Same Dimension

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



191, 161, 161



247, 200, 200



191, 191, 161



94, 85, 85



158, 0, 0



31, 0, 0

Inverse Universe

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



161, 176, 191



200, 224, 247



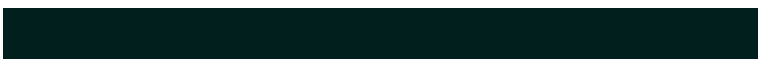
161, 171, 191



85, 90, 94



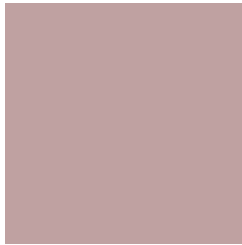
0, 79, 158



0, 16, 31

Previews

White Background



This preview shows how the RYB color 191, 161, 161 looks on a white background.

Color Contrast Check

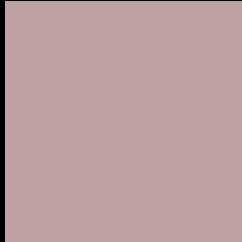
Large Text (above 18pt) WCAG AA × Fail

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 191, 161, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

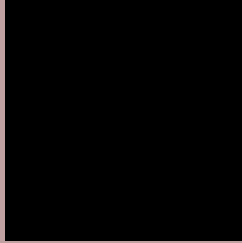
Any Text WCAG AA ✓ Pass

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](#).

R/YB 191, 161, 161 Background



This preview shows how black text looks on a background with the R/YB color 191, 161, 161.



This preview shows how white text looks on a background with the R/YB color 191, 161, 161.

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
191, 161, 161

Protanopia
172, 168, 165

Deuteranopia
187, 162, 161



Tritanopia
192, 159, 172

Trichromacy



Original Color

191, 161, 161

Protanomaly

179, 165, 164

Deuteranomaly

188, 162, 161

Tritanomaly

192, 160, 168

Monochromacy



Original Color

191, 161, 161

Achromatopsia

170, 170, 170

Achromatomaly

178, 167, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 161, 161 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(191, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(191, 161, 161)  
}
```

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(191, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 161, 161) }
```

Border

The CSS property to change the border of an element to RYB 191, 161, 161 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(191, 161, 161) }
```

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

```
.border{ border-color:rgb(191, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(191, 161,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 191, 161, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 161, 161) }
```

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

```
.background{ background-color: rgb(191,  
161, 161) }
```

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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