

Converting Colors

`RYB(231, 201, 191)`

Have a look what the booklet for
RYB(231, 201, 191) contains.

RYB(231, 201, 191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(231, 201, 191)

Conversions

Conversions Part 1

Format	Color
Hex	E7C7BF
RGB	231, 199, 191
RGB Percent	91%, 78%, 75%
CMY	0.0941, 0.2196, 0.2510
CMYK	0.00, 0.14, 0.17, 0.09
HSL	12°, 45%, 83%
HSV	12°, 17%, 91%
XYZ	62.7824, 61.5974, 57.8707
YIQ	207.6560, 21.6400, 4.2960

Conversions

Conversions Part 2

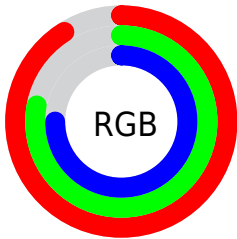
Format	Color
R _Y B	231, 201, 191
Decimal	15189951
CIE Lab	82.70, 10.02, 8.16
CIE LCh	83, 12.927, 39.169
Yxy	61.5974, 0.3445, 0.3380
Android (android.graphics.Color)	4293380031 (0xFFE7C7BF)
YUV	207.6560, -8.2114, 20.4727
Hunter-Lab	78.4840, 5.4421, 11.2209

Details

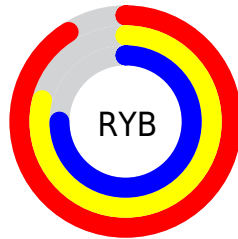
The RYB color **231, 201, 191** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **191, 209, 231**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **247, 255, 247**, and **175, 147, 138** is the 20% darker color. If you saturate the color by 10%, you get **231, 184, 168**, and if you desaturate by 10%, it is **231, 218, 214**.

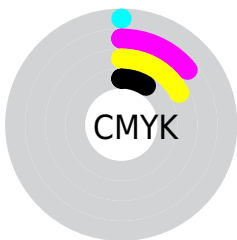
Distribution



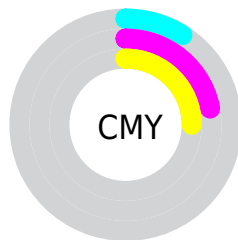
- Red (91%)
- Green (78%)
- Blue (75%)



- Red (91%)
- Yellow (79%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (9%)





- Cyan (9%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 231, 201, 191 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 231, 201, 191 by changing the saturation by 10% instead.

 231, 201, 191


 231, 201, 191

255, 255, 255

 203, 174, 164

 247, 255, 247

 175, 147, 138

 148, 121, 112

 122, 97, 88

 97, 72, 65


 72, 49, 43


 49, 28, 22

 29, 2, 0


 0, 0, 0


 231, 201, 191


 231, 201, 191


 231, 184, 168


 231, 218, 214


 231, 166, 145


 231, 234, 237


 231, 150, 122


 231, 243, 255


 231, 131, 99


 231, 243, 255

 231, 115, 76

 231, 97, 52

 231, 80, 29

 231, 62, 6

 231, 57, 0

Harmonies

Analogous

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



232, 198, 202



231, 201, 191



224, 218, 183

Triad

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



231, 201, 191



185, 204, 212



198, 204, 230

Complementary

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



231, 201, 191



191, 209, 231

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.



184, 200, 228



231, 201, 191



177, 196, 213

Square

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



231, 201, 191



187, 210, 199



176, 196, 221



213, 202, 225

Rectangle

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



231, 201, 191



198, 216, 182



176, 196, 221



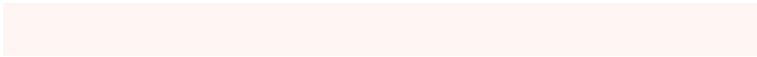
193, 203, 230

Sweetspot

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



231, 201, 191



255, 246, 242



231, 191, 223



128, 121, 120



0, 0, 0



128, 128, 128

Same Dimension

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



231, 201, 191



255, 215, 201



208, 231, 191



115, 107, 103



179, 45, 0



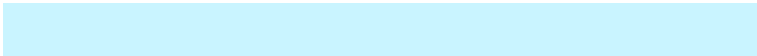
51, 12, 0

Inverse Universe

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



191, 209, 231



201, 225, 255



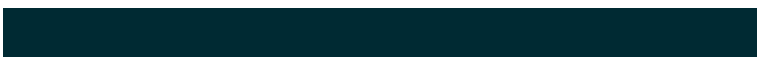
191, 200, 231



103, 108, 115



0, 79, 179



0, 23, 51

Previews

White Background



This preview shows how the RYB color 231, 201, 191 looks on a white background.

Color Contrast Check

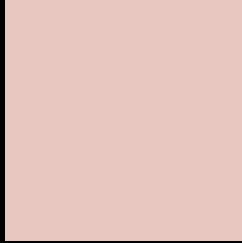
Large Text (above 18pt) WCAG AA × Fail

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 231, 201, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

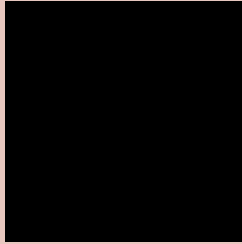
Any Text WCAG AA ✓ Pass

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](#).

RYP 231, 201, 191 Background



This preview shows how black text looks on a background with the RYB color 231, 201, 191.

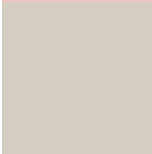




This preview shows how white text looks on a background with the RYB color 231, 201, 191.

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 231, 201, 191
	Protanopia 205, 212, 194
	Deuteranopia 231, 201, 191



Tritanopia
234, 196, 211

Trichromacy



Original Color

231, 201, 191

Protanomaly

219, 209, 193

Deuteranomaly

231, 201, 191

Tritanomaly

233, 197, 204

Monochromacy



Original Color

231, 201, 191

Achromatopsia

208, 208, 208

Achromatomaly

216, 206, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 201, 191 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(231, 199, 191) looks like.

```
.text, #text, p{  
    color:rgb(231, 199, 191)  
}
```

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(231, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 199, 191) }
```

Border

The CSS property to change the border of an element to RYB 231, 201, 191 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(231, 199, 191) }
```

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

```
.border{ border-color:rgb(231, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(231, 199,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 231, 201, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 199, 191) }
```

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

```
.background{ background-color: rgb(231,  
199, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor