

Converting Colors

`RYB(226, 191, 191)`

Have a look what the booklet for
RYB(226, 191, 191) contains.

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Color

R_YB(226, 191, 191)

Conversions

Conversions Part 1

Format	Color
Hex	E2BFBF
RGB	226, 191, 191
RGB Percent	89%, 75%, 75%
CMY	0.1137, 0.2510, 0.2510
CMYK	0.00, 0.15, 0.15, 0.11
HSL	0°, 38%, 82%
HSV	0°, 15%, 89%
XYZ	59.3988, 57.1919, 57.1987
YIQ	201.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

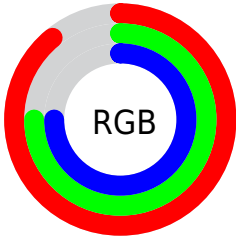
Format	Color
R _Y B	226, 191, 191
Decimal	14860223
CIE Lab	80.29, 12.45, 4.64
CIE LCh	80, 13.284, 20.430
Yxy	57.1919, 0.3418, 0.3291
Android (android.graphics.Color)	4293050303 (0xFFE2BFBF)
YUV	201.4650, -5.1592, 21.5172
Hunter-Lab	75.6254, 7.8558, 8.0942

Details

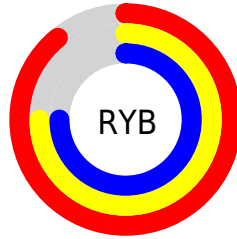
The RYB color **226, 191, 191** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **191, 209, 226**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 247, 247**, and **170, 138, 138** is the 20% darker color. If you saturate the color by 10%, you get **226, 168, 168**, and if you desaturate by 10%, it is **226, 214, 214**.

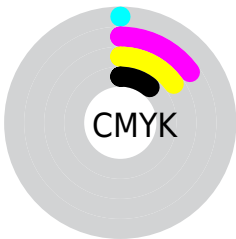
Distribution



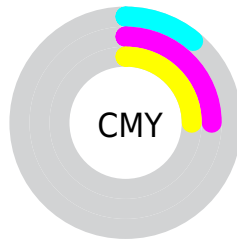
- Red (89%)
- Green (75%)
- Blue (75%)



- Red (89%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 191, 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 226, 191, 191 by changing the saturation by 10% instead.


 226, 191, 191

 226, 191, 191

255, 255, 255

 198, 164, 164

 255, 247, 247

 170, 138, 138

 144, 112, 112

 118, 88, 88

 92, 64, 65


 68, 42, 43


 45, 21, 22

 26, 0, 0

 0, 0, 0

 226, 191, 191

 226, 191, 191

 226, 168, 168


 226, 214, 214

 226, 146, 146

 226, 231, 236

 226, 123, 123

 226, 241, 255

 226, 101, 101

 226, 78, 78

 226, 55, 55

 226, 33, 33

 226, 10, 10

 226, 0, 0

Harmonies

Analogous

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



222, 191, 204



226, 191, 191



223, 198, 181

Triad

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



226, 191, 191



183, 204, 201



181, 195, 223

Complementary

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



226, 191, 191



191, 209, 226

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.



171, 191, 218



226, 191, 191



174, 193, 206

Square

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



226, 191, 191



176, 201, 177



168, 187, 207



197, 197, 222

Rectangle

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



226, 191, 191



217, 215, 176



168, 187, 207



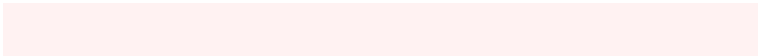
177, 193, 222

Sweetspot

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



226, 191, 191



255, 242, 242



226, 191, 226



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

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



226, 191, 191



255, 207, 207



224, 226, 191



112, 101, 101



176, 0, 0



48, 0, 0

Inverse Universe

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



191, 209, 226



207, 231, 255



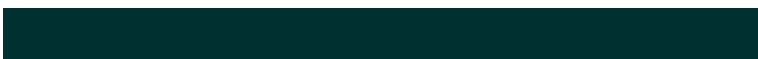
191, 203, 226



101, 107, 112



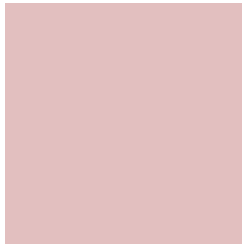
0, 88, 176



0, 24, 48

Previews

White Background



This preview shows how the RYB color 226, 191, 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 226, 191, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

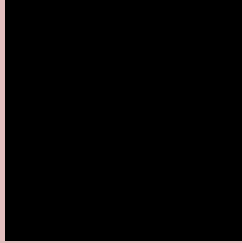
Any Text WCAG AA ✓ Pass

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](#).

RYB 226, 191, 191 Background



This preview shows how black text looks on a background with the RYB color 226, 191, 191.




This preview shows how white text looks on a background with the RYB color 226, 191, 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](#).

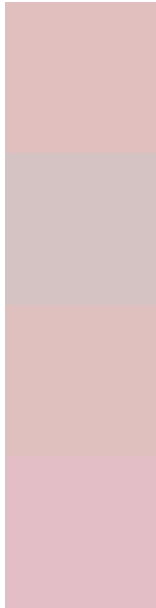
Dichromacy

	Original Color 226, 191, 191
	Protanopia 204, 200, 195
	Deuteranopia 222, 193, 191



Tritanopia
228, 189, 204

Trichromacy



Original Color

226, 191, 191

Protanomaly

212, 195, 194

Deuteranomaly

223, 192, 191

Tritanomaly

227, 190, 199

Monochromacy



Original Color

226, 191, 191

Achromatopsia

201, 201, 201

Achromatomaly

210, 197, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 191, 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(226, 191, 191)` looks like.

```
.text, #text, p{  
    color:rgb(226, 191, 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(226, 191, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 191, 191) }
```

Border

The CSS property to change the border of an element to RYB 226, 191, 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(226, 191, 191) }
```

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

```
.border{ border-color:rgb(226, 191, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 191, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 191, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 191, 191);  
box-shadow:4px 4px 4px 4px rgb(226, 191,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 226, 191, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 191, 191) }
```

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

```
.background{ background-color: rgb(226,  
191, 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](#).

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