

Converting Colors

`RYB(226, 195, 176)`

Have a look what the booklet for
RYB(226, 195, 176) contains.

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Color

R_YB(226, 195, 176)

Conversions

Conversions Part 1

Format	Color
Hex	E2BEB0
RGB	226, 190, 176
RGB Percent	89%, 75%, 69%
CMY	0.1137, 0.2558, 0.3098
CMYK	0.00, 0.16, 0.22, 0.11
HSL	17°, 46%, 79%
HSV	17°, 22%, 89%
XYZ	57.5638, 56.0299, 48.8552
YIQ	199.1680, 25.9500, 3.2780

Conversions

Conversions Part 2

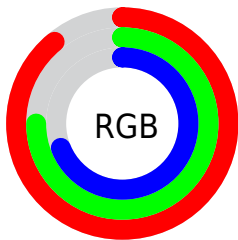
Format	Color
R _Y B	226, 195, 176
Decimal	14859952
CIE Lab	79.63, 10.83, 11.77
CIE LCh	80, 15.993, 47.373
Yxy	56.0299, 0.3544, 0.3449
Android (android.graphics.Color)	4293050032 (0xFFE2BEB0)
YUV	199.1680, -11.4218, 23.5317
Hunter-Lab	74.8531, 6.2777, 13.6997

Details

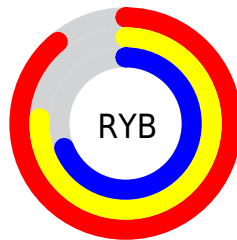
The RYB color **226, 195, 176** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **176, 197, 226**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **247, 255, 232**, and **170, 142, 124** is the 20% darker color. If you saturate the color by 10%, you get **226, 181, 153**, and if you desaturate by 10%, it is **226, 208, 199**.

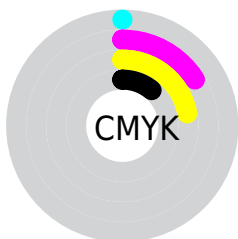
Distribution



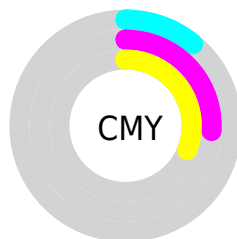
- Red (89%)
- Green (75%)
- Blue (69%)



- Red (89%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (11%)



- Cyan (11%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 226, 195, 176 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, 195, 176 by changing the saturation by 10% instead.


 226, 195, 176


 226, 195, 176

255, 255, 255

 198, 169, 149

 247, 255, 232

 170, 140, 124

 143, 116, 99

 117, 92, 75

 92, 67, 52

 67, 45, 31

 45, 27, 7

 21, 0, 0

 0, 0, 0

■ 226, 195, 176

■ 226, 195, 176

■ 226, 181, 153

■ 226, 208, 199

■ 226, 167, 131

■ 226, 224, 221

■ 226, 154, 108

■ 226, 234, 244

■ 226, 138, 86

■ 226, 241, 255

■ 226, 125, 63

■ 226, 112, 40

■ 226, 97, 18

■ 226, 85, 0

Harmonies

Analogous

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



229, 187, 189



226, 195, 176



208, 215, 169

Triad

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



226, 195, 176



168, 192, 206



192, 196, 226

Complementary

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



226, 195, 176



176, 197, 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.



174, 192, 226



226, 195, 176



159, 183, 206

Square

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



226, 195, 176



177, 203, 197



161, 186, 219



211, 191, 218

Rectangle

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



226, 195, 176



180, 206, 168



161, 186, 219



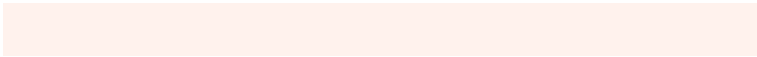
186, 195, 227

Sweetspot

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



226, 195, 176



255, 244, 237



226, 176, 213



128, 121, 117



0, 0, 0



128, 128, 128

Same Dimension

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



226, 195, 176



255, 212, 186



192, 226, 176



112, 105, 101



176, 66, 0



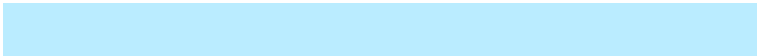
48, 18, 0

Inverse Universe

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



176, 197, 226



186, 215, 255



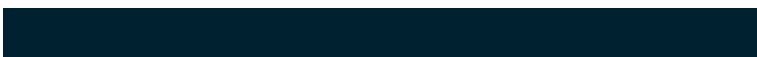
176, 186, 226



101, 106, 112



0, 74, 176



0, 20, 48

Previews

White Background



This preview shows how the RYB color 226, 195, 176 looks on a white background.

Color Contrast Check

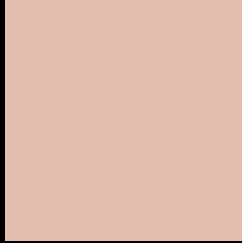
Large Text (above 18pt) WCAG AA × Fail

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, 195, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

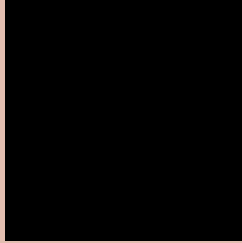
Any Text WCAG AA ✓ Pass

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 Y B 226, 195, 176 Background



This preview shows how black text looks on a background with the R Y B color 226, 195, 176.



This preview shows how white text looks on a background with the R Y B color 226, 195, 176.

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, 195, 176

Protanopia
192, 205, 180

Deuteranopia
224, 196, 176



Tritanopia
229, 186, 201

Trichromacy



Original Color

226, 195, 176

Protanomaly

213, 206, 179

Deuteranomaly

225, 196, 176

Tritanomaly

228, 187, 192

Monochromacy



Original Color

226, 195, 176

Achromatopsia

199, 199, 199

Achromatomaly

209, 198, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 195, 176 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, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(226, 190, 176)  
}
```

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, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 190, 176) }
```

Border

The CSS property to change the border of an element to RYB 226, 195, 176 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, 190, 176) }
```

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

```
.border{ border-color:rgb(226, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 190, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 190, 176); box-shadow:4px 4px 4px 4px rgb(226, 190, 176) }
```

Background

The CSS property to change the background color of an element to RYB 226, 195, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 190, 176) }
```

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

```
.background{ background-color: rgb(226,  
190, 176) }
```

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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