

Converting Colors

`RYB(226, 196, 173)`

Have a look what the booklet for
RYB(226, 196, 173) contains.

RYB(226, 196, 173)	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

`RYB(226, 196, 173)`

Conversions

Conversions Part 1

Format	Color
Hex	E2BDAD
RGB	226, 189, 173
RGB Percent	89%, 74%, 68%
CMY	0.1137, 0.2587, 0.3216
CMYK	0.00, 0.16, 0.23, 0.11
HSL	18°, 48%, 78%
HSV	18°, 23%, 89%
XYZ	57.1129, 55.5981, 47.2565
YIQ	198.2390, 27.1880, 2.8680

Conversions

Conversions Part 2

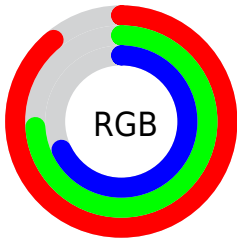
Format	Color
R _Y B	226, 196, 173
Decimal	14859693
CIE Lab	79.38, 10.78, 13.03
CIE LCh	79, 16.915, 50.388
Yxy	55.5981, 0.3570, 0.3476
Android (android.graphics.Color)	4293049773 (0xFFE2BDAD)
YUV	198.2390, -12.4428, 24.3464
Hunter-Lab	74.5641, 6.2362, 14.6187

Details

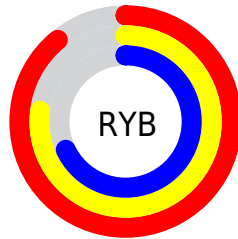
The RYB color **226, 196, 173** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **173, 195, 226**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **244, 255, 228**, and **170, 143, 121** is the 20% darker color. If you saturate the color by 10%, you get **226, 183, 150**, and if you desaturate by 10%, it is **226, 209, 196**.

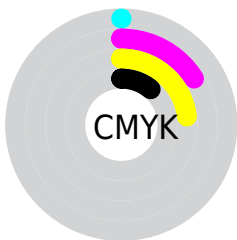
Distribution



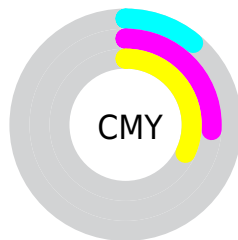
- Red (89%)
- Green (74%)
- Blue (68%)



- Red (89%)
- Yellow (77%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (11%)



- Cyan (11%)
- Magenta (26%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 196, 173 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, 196, 173 by changing the saturation by 10% instead.


 226, 196, 173


255, 255, 255

 244, 255, 228


 226, 196, 173

 198, 169, 146

 170, 143, 121

 143, 116, 96

 117, 92, 72

 91, 69, 50

 67, 48, 28

 44, 32, 3

 19, 0, 0

 0, 0, 0

■ 226, 196, 173

■ 226, 196, 173

■ 226, 183, 150

■ 226, 209, 196

■ 226, 171, 128

■ 226, 223, 218

■ 226, 158, 105

■ 226, 232, 241

■ 226, 144, 83

■ 226, 240, 255

■ 226, 132, 60

■ 226, 241, 255

■ 226, 119, 37

■ 226, 107, 15

■ 226, 97, 0

Harmonies

Analogous

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



230, 186, 186



226, 196, 173



200, 214, 166

Triad

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



226, 196, 173



164, 190, 206



193, 194, 226

Complementary

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



226, 196, 173



173, 195, 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.



173, 191, 227



226, 196, 173



156, 181, 207

Square

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



226, 196, 173



176, 203, 199



159, 185, 220



212, 189, 217

Rectangle

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



226, 196, 173



175, 204, 166



159, 185, 220



186, 194, 227

Sweetspot

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



226, 196, 173



255, 246, 237



226, 173, 210



128, 121, 117



0, 0, 0



128, 128, 128

Same Dimension

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



226, 196, 173



255, 214, 184



187, 226, 173



112, 105, 101



176, 76, 0



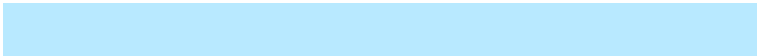
48, 22, 0

Inverse Universe

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



173, 195, 226



184, 213, 255



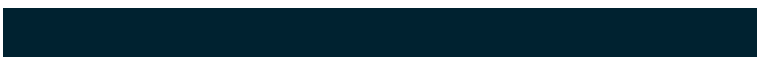
173, 182, 226



101, 106, 112



0, 72, 176



0, 20, 48

Previews

White Background



This preview shows how the RYB color 226, 196, 173 looks on a white background.

Color Contrast Check

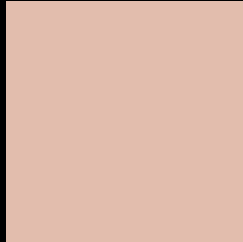
Large Text (above 18pt) WCAG AA × Fail

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, 196, 173 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, 196, 173 Background



This preview shows how black text looks on a background with the RYB color 226, 196, 173.







This preview shows how white text looks on a background with the RYB color 226, 196, 173.

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, 196, 173
	Protanopia 190, 205, 177
	Deuteranopia 225, 198, 173



Tritanopia
229, 185, 200

Trichromacy



Original Color
226, 196, 173

Protanomaly
213, 207, 176

Deuteranomaly
225, 198, 173

Tritanomaly
228, 186, 190

Monochromacy



Original Color
226, 196, 173

Achromatopsia
198, 198, 198

Achromatomaly
208, 198, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 196, 173 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, 189, 173)` looks like.

```
.text, #text, p{  
    color:rgb(226, 189, 173)  
}
```

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, 189, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 189, 173) }
```

Border

The CSS property to change the border of an element to RYB 226, 196, 173 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, 189, 173) }
```

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

```
.border{ border-color:rgb(226, 189, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 189, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 189, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 189, 173);  
box-shadow:4px 4px 4px 4px rgb(226, 189,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 226, 189, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 189, 173) }
```

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

```
.background{ background-color: rgb(226,  
189, 173) }
```

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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