

Converting Colors

`RYB(224, 211, 157)`

Have a look what the booklet for
RYB(224, 211, 157) contains.

RYB(224, 211, 157)	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(224, 211, 157)

Conversions

Conversions Part 1

Format	Color
Hex	E0BB9D
RGB	224, 187, 157
RGB Percent	88%, 73%, 62%
CMY	0.1216, 0.2671, 0.3843
CMYK	0.00, 0.17, 0.30, 0.12
HSL	27°, 52%, 75%
HSV	27°, 30%, 88%
XYZ	54.5756, 53.7802, 39.4025
YIQ	194.6430, 31.6820, -1.4860

Conversions

Conversions Part 2

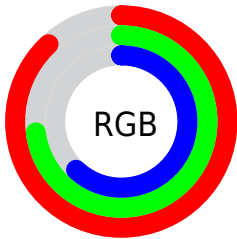
Format	Color
R_{YB}	224, 211, 157
Decimal	14728093
CIE Lab	78.33, 8.97, 20.12
CIE LCh	78, 22.031, 65.967
Yxy	53.7802, 0.3694, 0.3640
Android (android.graphics.Color)	4292918173 (0xFFE0BB9D)
YUV	194.6430, -18.5580, 25.7461
Hunter-Lab	73.3350, 4.5027, 19.4783

Details

The RYB color **224, 211, 157** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **157, 181, 224**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **229, 255, 212**, and **168, 157, 106** is the 20% darker color. If you saturate the color by 10%, you get **224, 204, 135**, and if you desaturate by 10%, it is **224, 215, 179**.

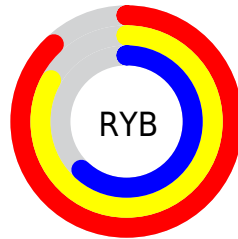
Distribution



Red (88%)

Green (73%)

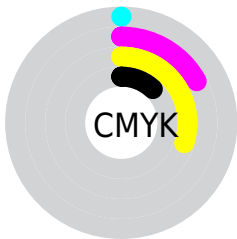
Blue (62%)



Red (88%)

Yellow (83%)

Blue (62%)

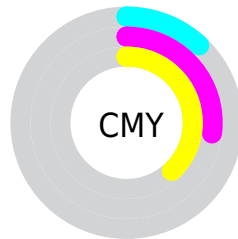


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (12%)



Cyan (12%)

Magenta (27%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 211, 157 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 224, 211, 157 by changing the saturation by 10% instead.

 224, 211, 157

255, 255, 255


 229, 255, 212


 240, 255, 240

 224, 211, 157

 196, 183, 131

 168, 157, 106

 141, 130, 81

 114, 107, 58

 89, 83, 36

 64, 62, 15

 41, 35, 0

 5, 0, 0

 0, 0, 0

 224, 211, 157

 224, 211, 157

 224, 204, 135

 224, 215, 179

 224, 202, 112

 224, 220, 202

 224, 199, 90


 224, 224, 224

 224, 193, 67

 224, 232, 247

 224, 190, 45

 224, 238, 255

 224, 183, 23

 224, 240, 255

 224, 181, 0

Harmonies

Analogous

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



235, 183, 171



224, 211, 157



167, 205, 153

Triad

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



224, 211, 157



142, 176, 206



203, 187, 227

Complementary

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



224, 211, 157



157, 181, 224

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.



175, 189, 234



224, 211, 157



138, 174, 217

Square

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



224, 211, 157



160, 192, 204



151, 181, 230



224, 181, 211

Rectangle

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



224, 211, 157



157, 198, 165



151, 181, 230



194, 189, 230

Sweetspot

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



224, 211, 157



255, 250, 232



224, 157, 195



128, 126, 113



0, 0, 0



128, 128, 128

Same Dimension

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



224, 211, 157



255, 237, 163



161, 224, 157



112, 110, 101



176, 143, 0



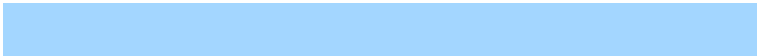
48, 41, 0

Inverse Universe

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



157, 181, 224



163, 196, 255



157, 161, 224



101, 105, 112



0, 63, 176



0, 17, 48

Previews

White Background



This preview shows how the RYB color 224, 211, 157 looks on a white background.

Color Contrast Check

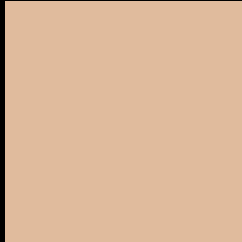
Large Text (above 18pt) WCAG AA × Fail

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 224, 211, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

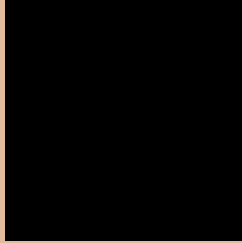
Any Text WCAG AA ✓ Pass

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 224, 211, 157 Background



This preview shows how black text looks on a background with the RYB color 224, 211, 157.



This preview shows how white text looks on a background with the RYB color 224, 211, 157.

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
224, 211, 157

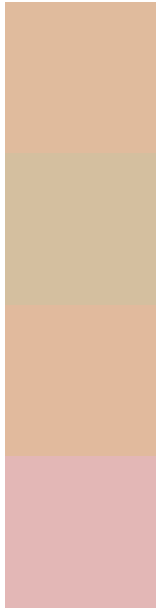
Protanopia
175, 205, 160

Deuteranopia
225, 208, 157



Tritanopia
228, 181, 196

Trichromacy



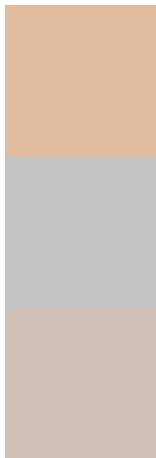
Original Color
224, 211, 157

Protanomaly
194, 212, 159

Deuteranomaly
225, 208, 157

Tritanomaly
227, 183, 182

Monochromacy



Original Color
224, 211, 157

Achromatopsia
195, 195, 195

Achromatomaly
206, 201, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 211, 157 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(224, 187, 157)` looks like.

```
.text, #text, p{  
    color:rgb(224, 187, 157)  
}
```

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(224, 187, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 187, 157) }
```

Border

The CSS property to change the border of an element to RYB 224, 211, 157 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(224, 187, 157) }
```

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

```
.border{ border-color:rgb(224, 187, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 187, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 187, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 187, 157);  
box-shadow:4px 4px 4px 4px rgb(224, 187,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 224, 211, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 187, 157) }
```

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

```
.background{ background-color: rgb(224,  
187, 157) }
```

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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