

Converting Colors

`RYB(225, 201, 143)`

Have a look what the booklet for
RYB(225, 201, 143) contains.

RYB(225, 201, 143)	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(225, 201, 143)

Conversions

Conversions Part 1

Format	Color
Hex	E1B18F
RGB	225, 177, 143
RGB Percent	88%, 69%, 56%
CMY	0.1176, 0.3060, 0.4392
CMYK	0.00, 0.21, 0.36, 0.12
HSL	25°, 58%, 72%
HSV	25°, 36%, 88%
XYZ	51.7258, 49.4237, 32.8001
YIQ	187.4760, 39.5220, -0.3980

Conversions

Conversions Part 2

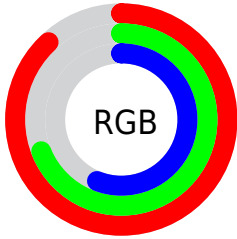
Format	Color
R _Y B	225, 201, 143
Decimal	14791055
CIE Lab	75.71, 12.90, 24.06
CIE LCh	76, 27.297, 61.800
Yxy	49.4237, 0.3862, 0.3690
Android (android.graphics.Color)	4292981135 (0xFFE1B18F)
YUV	187.4760, -21.9267, 32.9085
Hunter-Lab	70.3020, 8.3056, 21.5491

Details

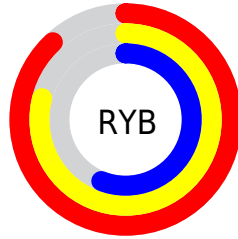
The RYB color **225, 201, 143** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **143, 173, 225**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **232, 255, 197**, and **168, 147, 92** is the 20% darker color. If you saturate the color by 10%, you get **225, 194, 121**, and if you desaturate by 10%, it is **225, 208, 165**.

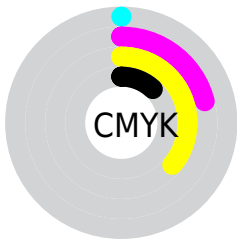
Distribution



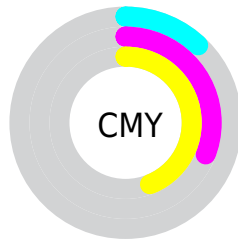
- Red (88%)
- Green (69%)
- Blue (56%)



- Red (88%)
- Yellow (79%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (12%)



- Cyan (12%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 201, 143 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 225, 201, 143 by changing the saturation by 10% instead.

 225, 201, 143


255, 255, 255


 232, 255, 197


 225, 255, 225

254, 255, 254


 225, 201, 143

 196, 174, 117

 168, 147, 92

 141, 120, 69

 114, 97, 46

 88, 77, 24

 63, 61, 0

 39, 13, 0


 0, 0, 0

 225, 201, 143


 225, 201, 143

 225, 194, 121


 225, 208, 165

 225, 189, 98


 225, 213, 188

 225, 179, 76

 225, 222, 211

 225, 174, 53

 225, 228, 233

 225, 169, 30

 225, 236, 255

 225, 162, 8

 225, 240, 255

 225, 159, 0

Harmonies

Analogous

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



237, 171, 161



225, 201, 143



162, 204, 136

Triad

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



225, 201, 143



122, 165, 201



193, 180, 229

Complementary

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



225, 201, 143



143, 173, 225

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.



158, 180, 236



225, 201, 143



112, 159, 212

Square

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



225, 201, 143



147, 186, 198



126, 168, 230



220, 172, 211

Rectangle

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



225, 201, 143



139, 191, 144



126, 168, 230



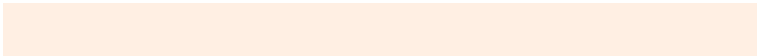
181, 183, 233

Sweetspot

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



225, 201, 143



255, 248, 227



225, 143, 192



128, 123, 111



0, 0, 0



128, 128, 128

Same Dimension

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



225, 201, 143



255, 221, 143



152, 225, 143



112, 110, 101



176, 125, 0



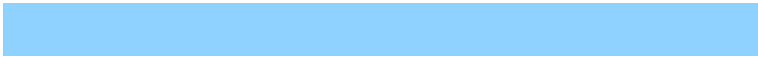
48, 34, 0

Inverse Universe

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



143, 173, 225



143, 185, 255



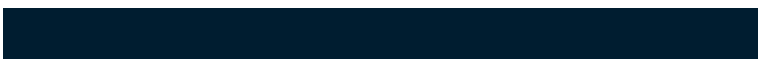
143, 150, 225



101, 105, 112



0, 65, 176



0, 18, 48

Previews

White Background



This preview shows how the RYB color 225, 201, 143 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 225, 201, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

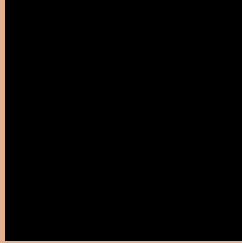
Any Text WCAG AA ✓ Pass

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 225, 201, 143 Background



This preview shows how black text looks on a background with the R Y B color 225, 201, 143.



This preview shows how white text looks on a background with the R Y B color 225, 201, 143.

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
225, 201, 143

Protanopia
163, 199, 147

Deuteranopia
220, 211, 143



Tritanopia
229, 171, 184

Trichromacy



Original Color

225, 201, 143

Protanomaly

188, 208, 146

Deuteranomaly

222, 206, 143

Tritanomaly

228, 173, 169

Monochromacy



Original Color

225, 201, 143

Achromatopsia

187, 187, 187

Achromatomaly

201, 191, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 201, 143 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(225, 177, 143)` looks like.

```
.text, #text, p{  
    color:rgb(225, 177, 143)  
}
```

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(225, 177, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 177, 143) }
```

Border

The CSS property to change the border of an element to RYB 225, 201, 143 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(225, 177, 143) }
```

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

```
.border{ border-color:rgb(225, 177, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 177, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 177, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 177, 143);  
box-shadow:4px 4px 4px 4px rgb(225, 177,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 225, 177, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 177, 143) }
```

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

```
.background{ background-color: rgb(225,  
177, 143) }
```

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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