

Converting Colors

`RYB(230, 209, 171)`

Have a look what the booklet for
RYB(230, 209, 171) contains.

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Color

R_YB(230, 209, 171)

Conversions

Conversions Part 1

Format	Color
Hex	E6C2AB
RGB	230, 194, 171
RGB Percent	90%, 76%, 67%
CMY	0.0980, 0.2388, 0.3294
CMYK	0.00, 0.16, 0.26, 0.10
HSL	24°, 54%, 79%
HSV	24°, 26%, 90%
XYZ	59.3008, 58.3973, 46.6744
YIQ	202.1420, 28.8390, 0.4790

Conversions

Conversions Part 2

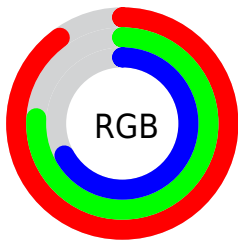
Format	Color
R _Y B	230, 209, 171
Decimal	15123115
CIE Lab	80.96, 9.32, 16.37
CIE LCh	81, 18.837, 60.352
Yxy	58.3973, 0.3608, 0.3553
Android (android.graphics.Color)	4293313195 (0xFFE6C2AB)
YUV	202.1420, -15.3530, 24.4315
Hunter-Lab	76.4182, 4.7851, 17.2798

Details

The RYB color **230, 209, 171** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **171, 193, 230**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **231, 255, 226**, and **174, 153, 119** is the 20% darker color. If you saturate the color by 10%, you get **230, 200, 148**, and if you desaturate by 10%, it is **230, 217, 194**.

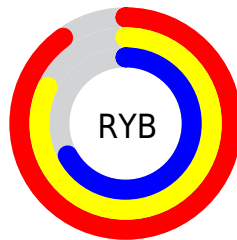
Distribution



Red (90%)

Green (76%)

Blue (67%)



Red (90%)

Yellow (82%)

Blue (67%)

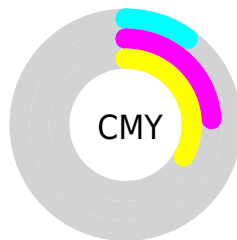


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (10%)



Cyan (10%)

Magenta (24%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 209, 171 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 230, 209, 171 by changing the saturation by 10% instead.

 230, 209, 171


255, 255, 255


 231, 255, 226

 230, 209, 171

 202, 182, 144

 174, 156, 119

 147, 129, 94

 120, 103, 70

 95, 80, 48

 70, 58, 27

 45, 47, 0

 24, 0, 0

 0, 0, 0

■ 230, 209, 171

■ 230, 209, 171

■ 230, 200, 148

■ 230, 217, 194

■ 230, 192, 125

■ 230, 225, 217

■ 230, 184, 102

■ 230, 234, 240

■ 230, 176, 79

■ 230, 241, 255

■ 230, 168, 56

■ 230, 243, 255

■ 230, 159, 33

■ 230, 151, 10

■ 230, 148, 0

Harmonies

Analogous

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



238, 191, 184



230, 209, 171



188, 215, 166

Triad

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



230, 209, 171



160, 188, 211



205, 196, 231

Complementary

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



230, 209, 171



171, 193, 230

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.



182, 197, 236



230, 209, 171



154, 184, 218

Square

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



230, 209, 171



175, 203, 209



162, 190, 231



224, 191, 219

Rectangle

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



230, 209, 171



168, 204, 170



162, 190, 231



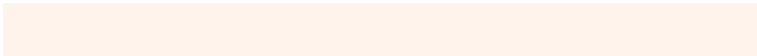
197, 198, 234

Sweetspot

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



230, 209, 171



255, 248, 235



230, 171, 207



128, 123, 115



0, 0, 0



128, 128, 128

Same Dimension

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



230, 209, 171



255, 227, 176



179, 230, 171



115, 112, 103



179, 115, 0



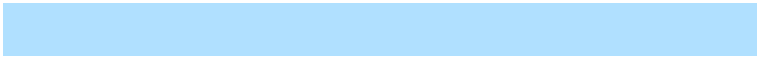
51, 33, 0

Inverse Universe

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



171, 193, 230



176, 206, 255



171, 177, 230



103, 107, 115



0, 68, 179



0, 19, 51

Previews

White Background



This preview shows how the RYB color 230, 209, 171 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 230, 209, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

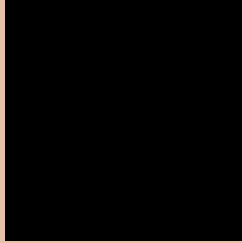
Any Text WCAG AA ✓ Pass

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 230, 209, 171 Background



This preview shows how black text looks on a background with the RYB color 230, 209, 171.







This preview shows how white text looks on a background with the RYB color 230, 209, 171.

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](#).

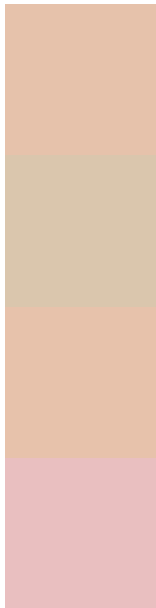
Dichromacy

	Original Color 230, 209, 171
	Protanopia 188, 211, 174
	Deuteranopia 231, 208, 171



Tritanopia
234, 189, 204

Trichromacy



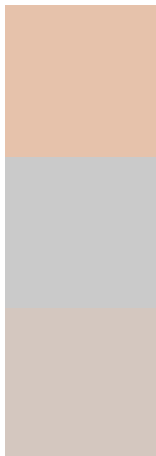
Original Color
230, 209, 171

Protanomaly
209, 218, 173

Deuteranomaly
231, 208, 171

Tritanomaly
233, 191, 192

Monochromacy



Original Color
230, 209, 171

Achromatopsia
202, 202, 202

Achromatomaly
212, 204, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 209, 171 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(230, 194, 171)` looks like.

```
.text, #text, p{  
    color:rgb(230, 194, 171)  
}
```

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(230, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 194, 171) }
```

Border

The CSS property to change the border of an element to RYB 230, 209, 171 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(230, 194, 171) }
```

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

```
.border{ border-color:rgb(230, 194, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 194, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 194, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 194, 171);  
box-shadow:4px 4px 4px 4px rgb(230, 194,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 230, 194, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 194, 171) }
```

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

```
.background{ background-color: rgb(230,  
194, 171) }
```

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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