

Converting Colors

`RYB(230, 239, 182)`

Have a look what the booklet for
RYB(230, 239, 182) contains.

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Color

R_YB(230, 239, 182)

Conversions

Conversions Part 1

Format	Color
Hex	EFD5B6
RGB	239, 213, 182
RGB Percent	94%, 84%, 71%
CMY	0.0627, 0.1649, 0.2863
CMYK	0.00, 0.11, 0.24, 0.06
HSL	33°, 64%, 83%
HSV	33°, 24%, 94%
XYZ	67.8200, 69.2879, 54.0554
YIQ	217.2400, 25.4470, -4.1290

Conversions

Conversions Part 2

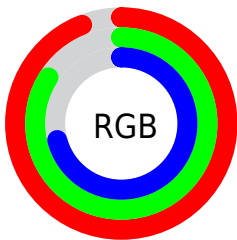
Format	Color
R _Y B	230, 239, 182
Decimal	15717814
CIE Lab	86.65, 4.36, 18.61
CIE LCh	87, 19.115, 76.831
Yxy	69.2879, 0.3548, 0.3625
Android (android.graphics.Color)	4293907894 (0xFFEFD5B6)
YUV	217.2400, -17.3733, 19.0835
Hunter-Lab	83.2393, -0.2344, 19.7648

Details

The RYB color **230, 239, 182** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **182, 200, 239**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **238, 255, 238**, and **173, 182, 129** is the 20% darker color. If you saturate the color by 10%, you get **226, 239, 158**, and if you desaturate by 10%, it is **234, 239, 206**.

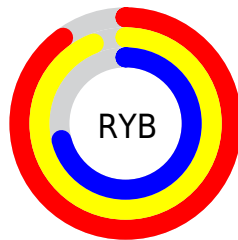
Distribution



Red (94%)

Green (84%)

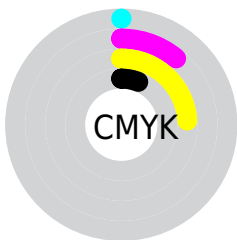
Blue (71%)



Red (90%)

Yellow (94%)

Blue (71%)

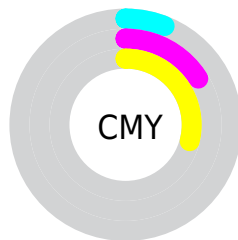


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 239, 182 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, 239, 182 by changing the saturation by 10% instead.

 230, 239, 182

255, 255, 255


 238, 255, 238


 230, 239, 182

 201, 210, 155

 173, 182, 129

 146, 155, 104

 120, 129, 80

 91, 103, 56

 66, 78, 35

 39, 54, 13

 25, 32, 0

 0, 0, 0

■ 230, 239, 182

■ 230, 239, 182

■ 226, 239, 158

■ 234, 239, 206

■ 222, 239, 134

■ 237, 239, 230

■ 219, 239, 110

■ 239, 244, 254

■ 215, 239, 86

■ 239, 247, 255

■ 211, 239, 62

■ 209, 239, 39

■ 206, 239, 15

■ 200, 239, 0

Harmonies

Analogous

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



252, 215, 191



230, 239, 182



183, 220, 182

Triad

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



230, 239, 182



170, 199, 227



233, 209, 242

Complementary

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



230, 239, 182



182, 200, 239

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.



210, 214, 251



230, 239, 182



172, 202, 243

Square

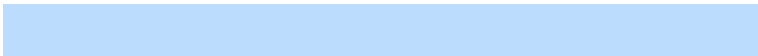
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230, 239, 182



181, 210, 227



187, 209, 252



249, 205, 226

Rectangle

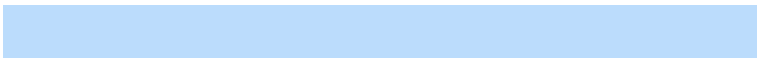
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230, 239, 182



188, 222, 203



187, 209, 252



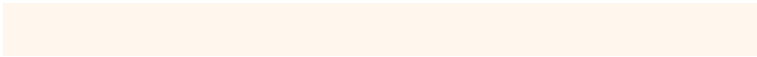
226, 211, 246

Sweetspot

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



230, 239, 182



251, 255, 237



239, 182, 209



126, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



230, 239, 182



244, 255, 181



182, 239, 184



120, 120, 108



155, 184, 0



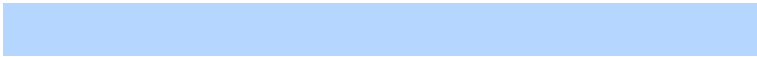
49, 56, 0

Inverse Universe

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



182, 200, 239



181, 204, 255



184, 182, 239



108, 112, 120



0, 58, 184



0, 18, 56

Previews

White Background



This preview shows how the RYB color 230, 239, 182 looks on a white background.

Color Contrast Check

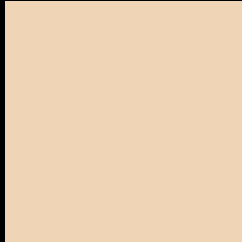
Large Text (above 18pt) WCAG AA × Fail

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, 239, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

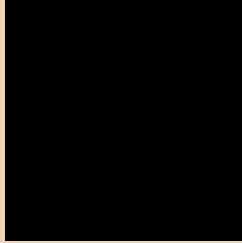
Any Text WCAG AA ✓ Pass

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, 239, 182 Background



This preview shows how black text looks on a background with the RYB color 230, 239, 182.

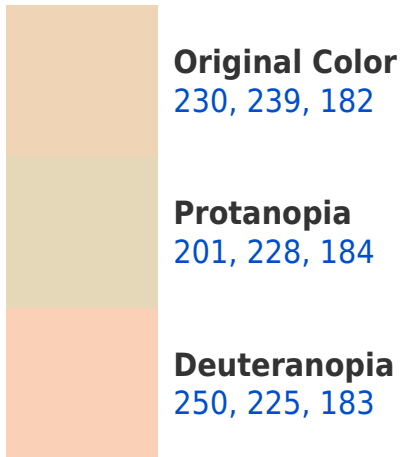


This preview shows how white text looks on a background with the RYB color 230, 239, 182.

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





Tritanopia
244, 207, 223

Trichromacy



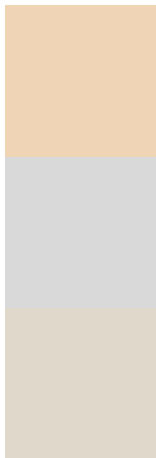
Original Color
230, 239, 182

Protanomaly
209, 232, 183

Deuteranomaly
246, 230, 183

Tritanomaly
242, 209, 208

Monochromacy



Original Color
230, 239, 182

Achromatopsia
217, 217, 217

Achromatomaly
220, 225, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 239, 182 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(239, 213, 182) looks like.

```
.text, #text, p{  
    color:rgb(239, 213, 182)  
}
```

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(239, 213, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 213, 182) }
```

Border

The CSS property to change the border of an element to RYB 230, 239, 182 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(239, 213, 182) }
```

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

```
.border{ border-color:rgb(239, 213, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 213, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 213, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 213, 182);  
box-shadow:4px 4px 4px 4px rgb(239, 213,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 230, 239, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 213, 182) }
```

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

```
.background{ background-color: rgb(239,  
213, 182) }
```

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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