

Converting Colors

`RYB(240, 236, 182)`

Have a look what the booklet for
RYB(240, 236, 182) contains.

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Color

$\text{RYB}(240, 236, 182)$

Conversions

Conversions Part 1

Format	Color
Hex	F0D2B6
RGB	240, 210, 182
RGB Percent	94%, 82%, 71%
CMY	0.0588, 0.1766, 0.2863
CMYK	0.00, 0.13, 0.24, 0.06
HSL	29°, 66%, 83%
HSV	29°, 24%, 94%
XYZ	67.4165, 67.9782, 53.8238
YIQ	215.7780, 26.8680, -2.3480

Conversions

Conversions Part 2

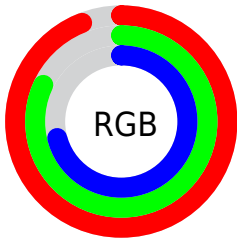
Format	Color
RYB	240, 236, 182
Decimal	15782582
CIELab	86.00, 6.27, 17.72
CIELCh	86, 18.795, 70.504
Yxy	67.9782, 0.3563, 0.3593
Android (android.graphics.Color)	4293972662 (0xFFFF0D2B6)
YUV	215.7780, -16.6526, 21.2427
Hunter-Lab	82.4489, 1.6695, 19.0089

Details

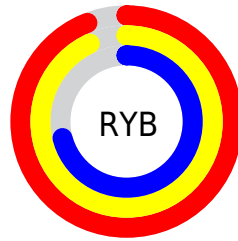
The RYB color **240, 236, 182** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **182, 202, 240**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **238, 255, 238**, and **183, 183, 129** is the 20% darker color. If you saturate the color by 10%, you get **240, 236, 158**, and if you desaturate by 10%, it is **240, 236, 206**.

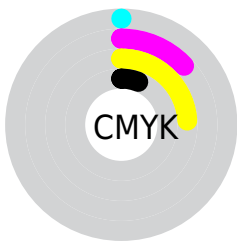
Distribution



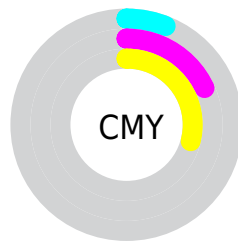
- Red (94%)
- Green (82%)
- Blue (71%)



- Red (94%)
- Yellow (93%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 236, 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 240, 236, 182 by changing the saturation by 10% instead.

 240, 236, 182


255, 255, 255


 238, 255, 238

 240, 236, 182


 211, 207, 155

 183, 183, 129

 156, 156, 104

 129, 127, 80

 104, 102, 57

 79, 79, 35

 49, 55, 14

 33, 28, 0

 0, 0, 0

240, 236, 182

240, 236, 182

240, 236, 158

240, 236, 206

240, 232, 134

240, 240, 230

240, 232, 110

240, 245, 254

240, 228, 86

240, 248, 255

240, 228, 62

240, 225, 38

240, 225, 14

240, 225, 0

Harmonies

Analogous

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



251, 208, 193



240, 236, 182



188, 223, 180

Triad

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



240, 236, 182



171, 200, 226



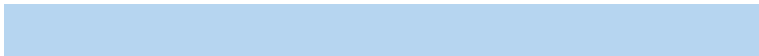
226, 209, 242

Complementary

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



240, 236, 182



182, 202, 240

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.



203, 212, 250



240, 236, 182



170, 200, 237

Square

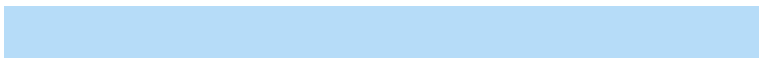
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240, 236, 182



183, 211, 225



182, 206, 248



244, 204, 227

Rectangle

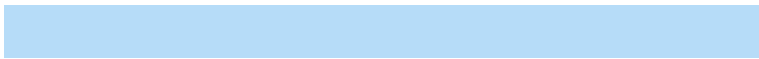
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240, 236, 182



184, 219, 194



182, 206, 248



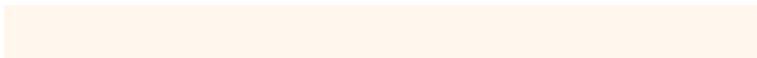
219, 210, 246

Sweetspot

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



240, 236, 182



255, 255, 237



240, 182, 213



128, 126, 117



0, 0, 0



128, 128, 128

Same Dimension

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



240, 236, 182



255, 251, 181



184, 240, 182



120, 120, 108



184, 172, 0



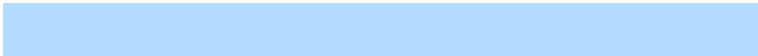
56, 52, 0

Inverse Universe

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



182, 202, 240



181, 206, 255



182, 184, 240



108, 112, 120



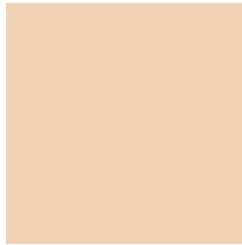
0, 63, 184



0, 19, 56

Previews

White Background



This preview shows how the RYB color 240, 236, 182 looks on a white background.

Color Contrast Check

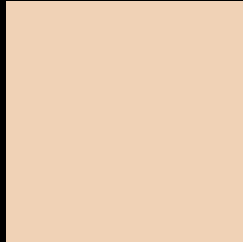
Large Text (above 18pt) WCAG AA × Fail

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 240, 236, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

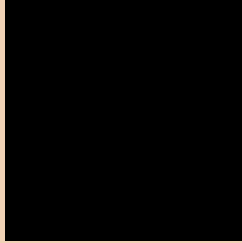
Any Text WCAG AA ✓ Pass

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 240, 236, 182 Background



This preview shows how black text looks on a background with the RYB color 240, 236, 182.

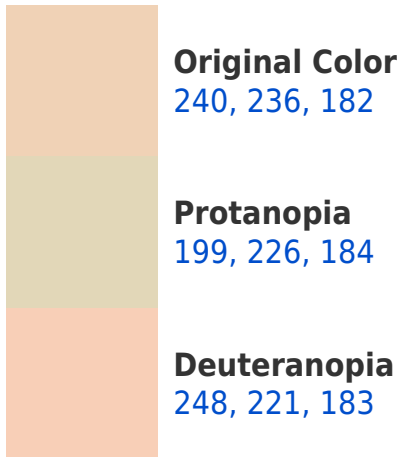


This preview shows how white text looks on a background with the RYB color 240, 236, 182.

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
245, 204, 220

Trichromacy



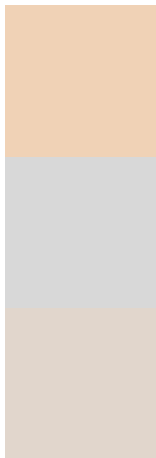
Original Color
240, 236, 182

Protanomaly
212, 231, 183

Deuteranomaly
245, 225, 183

Tritanomaly
243, 206, 206

Monochromacy



Original Color
240, 236, 182

Achromatopsia
216, 216, 216

Achromatomaly
225, 223, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 236, 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(240, 210, 182) looks like.

```
.text, #text, p{  
    color:rgb(240, 210, 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(240, 210, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 210, 182) }
```

Border

The CSS property to change the border of an element to RYB 240, 236, 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(240, 210, 182) }
```

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

```
.border{ border-color:rgb(240, 210, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 210, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 210, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 210, 182);  
box-shadow:4px 4px 4px 4px rgb(240, 210,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 240, 236, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 210, 182) }
```

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

```
.background{ background-color: rgb(240,  
210, 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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