

Converting Colors

`RYB(238, 249, 193)`

Have a look what the booklet for
RYB(238, 249, 193) contains.

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Color

R_YB(238, 249, 193)

Conversions

Conversions Part 1

Format	Color
Hex	F9E0C1
RGB	249, 224, 193
RGB Percent	98%, 88%, 76%
CMY	0.0235, 0.1214, 0.2431
CMYK	0.00, 0.10, 0.22, 0.02
HSL	33°, 82%, 87%
HSV	33°, 22%, 98%
XYZ	75.3615, 77.3279, 61.4059
YIQ	227.9410, 24.8510, -4.3410

Conversions

Conversions Part 2

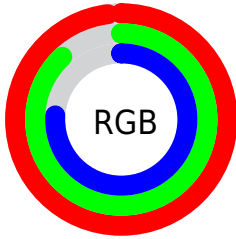
Format	Color
R _Y B	238, 249, 193
Decimal	16376001
CIE Lab	90.47, 3.85, 18.33
CIE LCh	90, 18.733, 78.150
Yxy	77.3279, 0.3520, 0.3612
Android (android.graphics.Color)	4294566081 (0xFFF9E0C1)
YUV	227.9410, -17.2259, 18.4687
Hunter-Lab	87.9363, -0.9138, 20.1532

Details

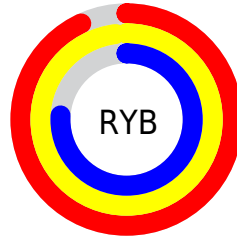
The RYB color **238, 249, 193** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **193, 210, 249**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 250, 255, 250, and **180, 192, 139** is the 20% darker color. If you saturate the color by 10%, you get **233, 249, 168**, and if you desaturate by 10%, it is **244, 249, 218**.

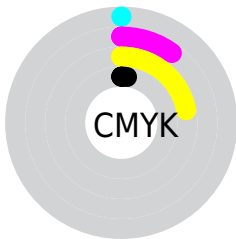
Distribution



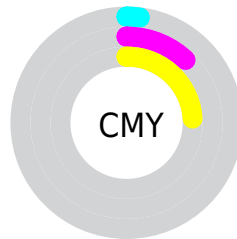
- Red (98%)
- Green (88%)
- Blue (76%)



- Red (93%)
- Yellow (98%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 249, 193 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 238, 249, 193 by changing the saturation by 10% instead.


 238, 249, 193

255, 255, 255

 250, 255, 250


 238, 249, 193

 209, 220, 166

 180, 192, 139


 156, 165, 114

 126, 138, 89

 101, 112, 66

 73, 87, 43

 48, 63, 22

 24, 41, 0

 13, 0, 0

 238, 249, 193

 238, 249, 193

 233, 249, 168

 244, 249, 218


 227, 249, 143


 249, 249, 243


 222, 249, 118


 249, 252, 255

 217, 249, 93

 213, 249, 69

 211, 249, 44

 206, 249, 19

 200, 249, 0

Harmonies

Analogous

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



255, 227, 202



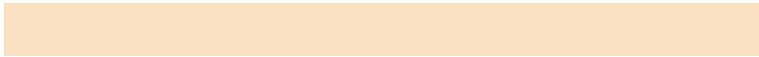
238, 249, 193



194, 230, 194

Triad

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



238, 249, 193



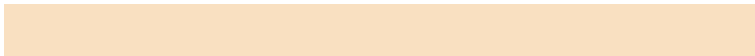
182, 210, 238



244, 220, 252

Complementary

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



238, 249, 193



193, 210, 249

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.



222, 226, 255



238, 249, 193



184, 214, 254

Square

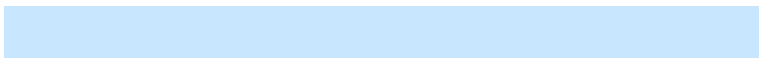
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238, 249, 193



192, 221, 238



200, 220, 255



255, 216, 236

Rectangle

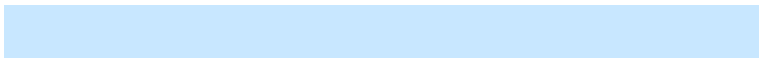
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238, 249, 193



199, 233, 215



200, 220, 255



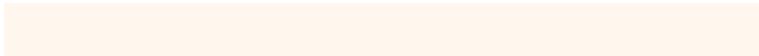
237, 222, 255

Sweetspot

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



238, 249, 193



251, 255, 237



249, 193, 218



126, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



238, 249, 193



242, 255, 186



193, 249, 196



123, 125, 112



151, 189, 0



48, 61, 0

Inverse Universe

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



193, 210, 249



186, 207, 255



196, 193, 249



112, 116, 125



0, 58, 189



0, 19, 61

Previews

White Background



This preview shows how the RYB color 238, 249, 193 looks on a white background.

Color Contrast Check

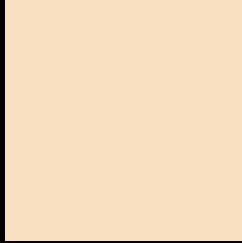
Large Text (above 18pt) WCAG AA × Fail

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 238, 249, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

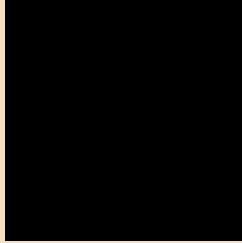
Any Text WCAG AA ✓ Pass

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 238, 249, 193 Background



This preview shows how black text looks on a background with the RYB color 238, 249, 193.

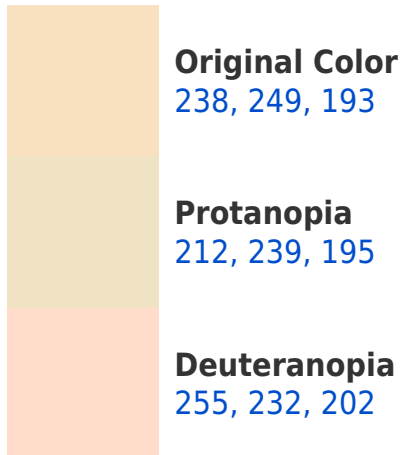


This preview shows how white text looks on a background with the RYB color 238, 249, 193.

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

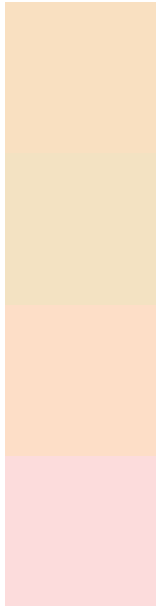




Tritanopia

254, 218, 235

Trichromacy



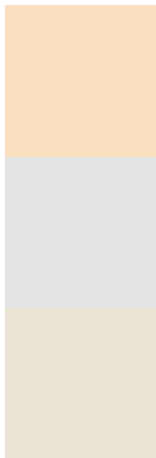
Original Color
238, 249, 193

Protanomaly
220, 243, 194

Deuteranomaly
253, 239, 199

Tritanomaly
252, 220, 220

Monochromacy



Original Color
238, 249, 193

Achromatopsia
228, 228, 228

Achromatomaly
231, 236, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 249, 193 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(249, 224, 193) looks like.

```
.text, #text, p{  
    color:rgb(249, 224, 193)  
}
```

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(249, 224, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 224, 193) }
```

Border

The CSS property to change the border of an element to RYB 238, 249, 193 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(249, 224, 193) }
```

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

```
.border{ border-color:rgb(249, 224, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 224, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 224, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 224, 193);  
box-shadow:4px 4px 4px 4px rgb(249, 224,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 238, 249, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 224, 193) }
```

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

```
.background{ background-color: rgb(249,  
224, 193) }
```

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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