Converting Colors

RGB(243, 241, 201)

Have a look what the booklet for RGB(243, 241, 201) contains.

RGB(243, 241, 201) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

RGB(243, 241, 201)

Conversions

Conversions Part 1

Format	Color
Hex	F3F1C9
RGB	243, 241, 201
RGB Percent	95%, 95%, 79%
CMY	0.0471, 0.0549, 0.2118
CMYK	0.00, 0.01, 0.17, 0.05
HSL	57°, 64%, 87%
HSV	57°, 17%, 95%
XYZ	78.9601, 86.1823, 67.7316
YIQ	237.0380, 14.0320, -12.0160

Conversions

Conversions Part 2

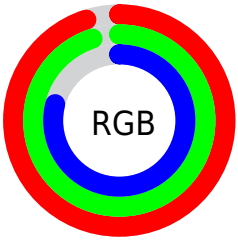
Format	Color
RYB	203, 243, 201
Decimal	15987145
CIELab	94.39, -5.79, 19.60
CIELCh	94, 20.436, 106.456
Yxy	86.1823, 0.3391, 0.3701
Android (android.graphics.Color)	4294177225 (0xFFF3F1C9)
YUV	237.0380, -17.7667, 5.2287
Hunter-Lab	92.8344, -10.6376, 21.7264

Details

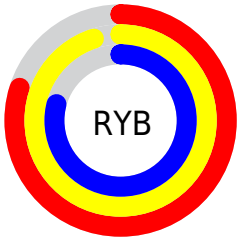
The RGB color 243, 241, 201 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 201, 203, 243, and the grayscale version is 237, 237, 237.

A 20% lighter version of the original color is 255, 255, 255, and 187, 185, 147 is the 20% darker color. If you saturate the color by 10%, you get 243, 240, 177, and if you desaturate by 10%, it is 243, 242, 225.

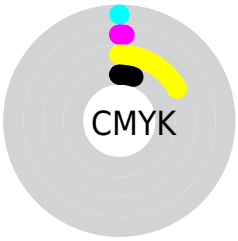
Distribution



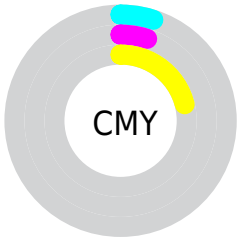
- Red (95%)
- Green (95%)
- Blue (79%)



- Red (80%)
- Yellow (95%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 243, 241, 201 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 RGB color 243, 241, 201 by changing the saturation by 10% instead.

243, 241, 201

255, 255, 255

243, 241, 201

214, 213, 174

187, 185, 147

159, 158, 121

133, 132, 96

107, 107, 72

83, 83, 49

59, 60, 28

37, 38, 3

10, 18, 0

243, 241, 201	243, 241, 201
243, 240, 177	243, 242, 225
243, 239, 152	243, 243, 250
243, 238, 128	243, 244, 255
243, 236, 104	243, 246, 255
243, 235, 79	243, 247, 255
243, 234, 55	243, 248, 255
243, 233, 31	243, 249, 255
243, 232, 7	243, 250, 255
243, 231, 0	243, 251, 255

Harmonies

Analogous

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

255, 234, 201

243, 241, 201

220, 246, 211

Triad

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

243, 241, 201

190, 248, 255

255, 226, 249

Complementary

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

243, 241, 201

201, 203, 243

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.

255, 230, 255

243, 241, 201

206, 243, 255

Square

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

243, 241, 201

188, 250, 249

231, 237, 255

255, 225, 229

Rectangle

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

243, 241, 201

206, 249, 223

231, 237, 255

255, 227, 255

Sweetspot

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

243, 241, 201

255, 254, 242

243, 201, 203

128, 127, 120

0, 0, 0

128, 128, 128

Same Dimension

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

243, 241, 201

255, 252, 201

224, 243, 201

122, 122, 110

186, 177, 0

59, 56, 0

Inverse Universe

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

201, 203, 243

201, 204, 255

220, 201, 243

110, 111, 122

0, 9, 186

0, 3, 59

Previews

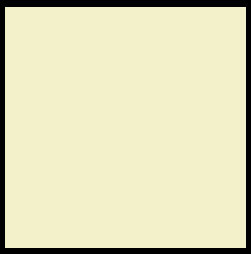
White Background

This preview shows how the RGB color 243, 241, 201 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



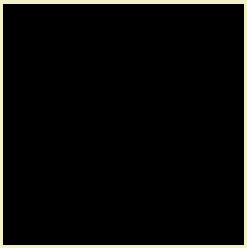
This preview shows how the RGB color 243, 241, 201 looks on a black background.

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.

RGB 243, 241, 201 Background



This preview shows how black text looks on a background with the RGB color 243, 241, 201.

This preview shows how white text looks on a background with the RGB color 243, 241, 201.

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
243, 241, 201

Protanopia
252, 238, 200

Deuteranopia
255, 235, 224

Tritanopia
250, 234, 252

Trichromacy

Original Color
243, 241, 201

Protanomaly
249, 239, 200

Deuteranomaly
251, 237, 216

Tritanomaly
247, 237, 233

Monochromacy

Original Color
243, 241, 201

Achromatopsia
237, 237, 237

Achromatomaly
239, 238, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 243, 241, 201 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(243, 241, 201) looks like.

```
.text, #text, p{
    color:rgb(243, 241, 201)
}
```

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(243, 241, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 201) }
```

Border

The CSS property to change the border of an element to RGB 243, 241, 201 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(243, 241, 201) }
```

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

```
.border{ border-color:rgb(243, 241, 201) }
```

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

Here you see how a box with a 4 pixel rgb(243, 241, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 241, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 241, 201); box-shadow:4px 4px 4px 4px rgb(243, 241, 201) }
```

Background

The CSS property to change the background color of an element to RGB 243, 241, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(243, 241, 201) }
```

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

```
.background{ background-color:rgb(243,
241, 201) }
```

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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