Converting Colors

RGB(241, 247, 213)

Have a look what the booklet for RGB(241, 247, 213) contains.

Color

RGB(241, 247, 213)

Conversions

Conversions Part 1

Format	Color
Hex	F1F7D5
RGB	241, 247, 213
RGB Percent	95%, 97%, 84%
CMY	0.0549, 0.0314, 0.1647
CMYK	0.02, 0.00, 0.14, 0.03
HSL	71°, 68%, 90%
HSV	71°, 14%, 97%
XYZ	81.5466, 90.0264, 76.0297
YIQ	241.3300, 7.3380, -11.8460

Conversions

Conversions Part 2

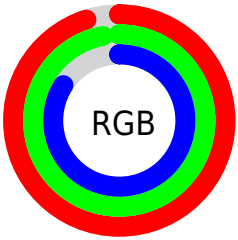
Format	Color
RYB	213, 247, 219
Decimal	15857621
CIELab	96.01, -7.68, 15.68
CIELCh	96, 17.464, 116.103
Yxy	90.0264, 0.3293, 0.3636
Android (android.graphics.Color)	4294047701 (0xFFF1F7D5)
YUV	241.3300, -13.9667, -0.2894
Hunter-Lab	94.8822, -12.6319, 18.9082

Details

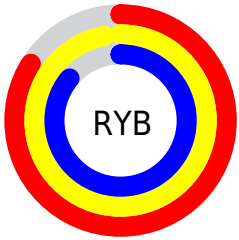
The RGB color 241, 247, 213 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 219, 213, 247, and the grayscale version is 241, 241, 241.

A 20% lighter version of the original color is 255, 255, 255, and 185, 191, 158 is the 20% darker color. If you saturate the color by 10%, you get 237, 247, 188, and if you desaturate by 10%, it is 245, 247, 238.

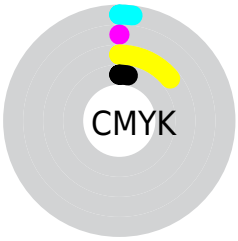
Distribution



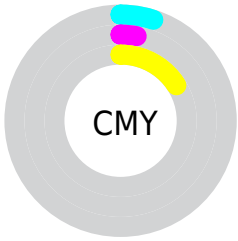
- Red (95%)
- Green (97%)
- Blue (84%)



- Red (84%)
- Yellow (97%)
- Blue (86%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 241, 247, 213 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 241, 247, 213 by changing the saturation by 10% instead.

241, 247, 213

255, 255, 255

241, 247, 213

213, 219, 185

185, 191, 158

158, 164, 132

132, 137, 107

106, 112, 83

82, 88, 59

59, 64, 37

36, 42, 17

13, 22, 0

241, 247, 213

237, 247, 188

232, 247, 164

228, 247, 139

224, 247, 114

219, 247, 90

215, 247, 65

210, 247, 40

206, 247, 15

203, 247, 0

241, 247, 213

245, 247, 238

250, 247, 255

254, 247, 255

255, 247, 255

Harmonies

Analogous

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

255, 242, 210

241, 247, 213

222, 251, 224

Triad

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

241, 247, 213

206, 250, 255

255, 232, 246

Complementary

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

241, 247, 213

219, 213, 247

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, 235, 255

241, 247, 213

223, 246, 255

Square

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

241, 247, 213

200, 253, 255

244, 240, 255

255, 233, 229

Rectangle

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

241, 247, 213

211, 253, 235

244, 240, 255

255, 233, 252

Sweetspot

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

241, 247, 213

253, 255, 245

247, 219, 213

126, 128, 121

0, 0, 0

128, 128, 128

Same Dimension

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

241, 247, 213

247, 255, 212

224, 247, 213

120, 122, 110

153, 186, 0

48, 59, 0

Inverse Universe

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

219, 213, 247

219, 212, 255

236, 213, 247

112, 110, 122

33, 0, 186

10, 0, 59

Previews

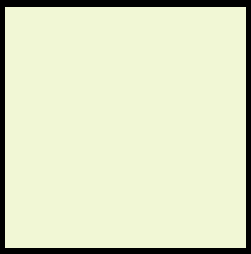
White Background

This preview shows how the RGB color 241, 247, 213 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



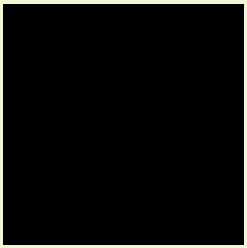
This preview shows how the RGB color 241, 247, 213 looks on a black background.

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 241, 247, 213 Background



This preview shows how black text looks on a background with the RGB color 241, 247, 213.

This preview shows how white text looks on a background with the RGB color 241, 247, 213.

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
241, 247, 213

Protanopia
255, 243, 211

Deuteranopia
255, 241, 235

Tritanopia
246, 241, 255

Trichromacy

Original Color
241, 247, 213

Protanomaly
250, 244, 212

Deuteranomaly
250, 243, 227

Tritanomaly
244, 243, 240

Monochromacy

Original Color
241, 247, 213

Achromatopsia
241, 241, 241

Achromatomaly
241, 243, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 247, 213 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(241, 247, 213) looks like.

```
.text, #text, p{
    color:rgb(241, 247, 213)
}
```

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(241, 247, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 247, 213) }
```

Border

The CSS property to change the border of an element to RGB 241, 247, 213 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(241, 247, 213) }
```

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

```
.border{ border-color:rgb(241, 247, 213) }
```

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

Here you see how a box with a 4 pixel rgb(241, 247, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 247, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 247, 213); box-shadow:4px 4px 4px 4px rgb(241, 247, 213) }
```

Background

The CSS property to change the background color of an element to RGB 241, 247, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(241, 247, 213) }
```

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

```
.background{ background-color:rgb(241,
247, 213) }
```

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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