Converting Colors

RGB(237, 242, 222)

Have a look what the booklet for RGB(237, 242, 222) contains.

Color

RGB(237, 242, 222)

Conversions

Format	Color
Hex	EDF2DE
RGB	237, 242, 222
RGB Percent	93%, 95%, 87%
CMY	0.0706, 0.0510, 0.1294
CMYK	0.02, 0.00, 0.08, 0.05
HSL	75°, 43%, 91%
HSV	75°, 8%, 95%
XYZ	79.8620, 86.7827, 81.6488
YIQ	238.2250, 3.4400, -7.2800

Conversions Part 1

Conversions

Conversions Part 2

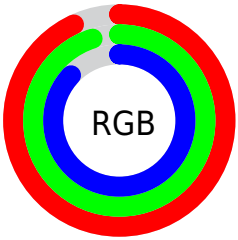
Format	Color
RYB	222, 242, 227
Decimal	15594206
CIELab	94.65, -5.11, 9.07
CIELCh	95, 10.407, 119.399
Yxy	86.7827, 0.3216, 0.3495
Android (android.graphics.Color)	4293784286 (0xFFEDF2DE)
YUV	238.2250, -7.9989, -1.0743
Hunter-Lab	93.1572, -10.0004, 13.2446

Details

The RGB color 237, 242, 222 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 227, 222, 242, and the grayscale version is 238, 238, 238.

A 20% lighter version of the original color is 255, 255, 255, and 181, 186, 167 is the 20% darker color. If you saturate the color by 10%, you get 231, 242, 198, and if you desaturate by 10%, it is 243, 242, 246.

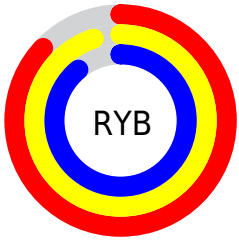
Distribution



Red (93%)

Green (95%)

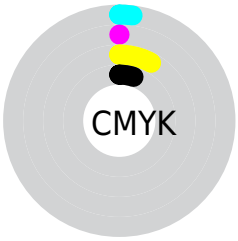
Blue (87%)



Red (87%)

Yellow (95%)

Blue (89%)

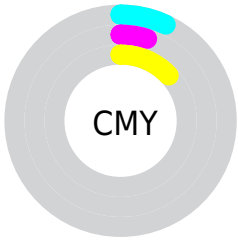


Cyan (2%)

Magenta (0%)

Yellow (8%)

Black (5%)



Cyan (7%)

Magenta (5%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 242, 222 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 237, 242, 222 by changing the saturation by 10% instead.

237, 242, 222

255, 255, 255

237, 242, 222

209, 214, 194

181, 186, 167

154, 159, 141

128, 133, 115

103, 108, 90

79, 83, 67

56, 60, 45

35, 39, 24

13, 18, 0

237, 242, 222

231, 242, 198

225, 242, 174

219, 242, 149

213, 242, 125

207, 242, 101

201, 242, 77

195, 242, 53

189, 242, 28

183, 242, 4

237, 242, 222

243, 242, 246

249, 242, 255

255, 242, 255

Harmonies

Analogous

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

248, 239, 220

237, 242, 222

226, 245, 229

Triad

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

237, 242, 222

219, 243, 255

255, 233, 240

Complementary

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

237, 242, 222

227, 222, 242

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.

253, 234, 250

237, 242, 222

229, 240, 255

Square

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

237, 242, 222

215, 245, 249

242, 237, 255

255, 233, 230

Rectangle

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

237, 242, 222

220, 245, 236

242, 237, 255

255, 233, 244

Sweetspot

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

237, 242, 222

254, 255, 250

242, 227, 222

127, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

237, 242, 222

249, 255, 230

227, 242, 222

117, 120, 108

138, 184, 0

42, 56, 0

Inverse Universe

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

227, 222, 242

236, 230, 255

237, 222, 242

111, 108, 120

46, 0, 184

14, 0, 56

Previews

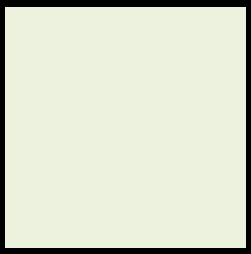
White Background

This preview shows how the RGB color 237, 242, 222 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



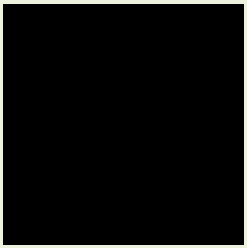
This preview shows how the RGB color 237, 242, 222 looks on a black background.

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 237, 242, 222 Background



This preview shows how black text looks on a background with the RGB color 237, 242, 222.

This preview shows how white text looks on a background with the RGB color 237, 242, 222.

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
237, 242, 222

Protanopia
248, 239, 220

Deuteranopia
255, 235, 232

Tritanopia
242, 237, 255

Trichromacy

Original Color
237, 242, 222

Protanomaly
244, 240, 221

Deuteranomaly
248, 238, 228

Tritanomaly
240, 239, 243

Monochromacy

Original Color
237, 242, 222

Achromatopsia
238, 238, 238

Achromatomaly
238, 239, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 242, 222 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(237, 242, 222) looks like.

```
.text, #text, p{
    color:rgb(237, 242, 222)
}
```

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(237, 242, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 242, 222) }
```

Border

The CSS property to change the border of an element to RGB 237, 242, 222 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(237, 242, 222) }
```

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

```
.border{ border-color:rgb(237, 242, 222) }
```

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

Here you see how a box with a 4 pixel rgb(237, 242, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 242, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 242, 222); box-shadow:4px 4px 4px 4px rgb(237, 242, 222) }
```

Background

The CSS property to change the background color of an element to RGB 237, 242, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(237, 242, 222) }
```

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

```
.background{ background-color:rgb(237,
242, 222) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor