Converting Colors

RGB(249, 232, 182)

Have a look what the booklet for RGB(249, 232, 182) contains.

Color

RGB(249, 232, 182)

Conversions

Conversions Part 1

Format	Color
Hex	F9E8B6
RGB	249, 232, 182
RGB Percent	98%, 91%, 71%
CMY	0.0235, 0.0902, 0.2863
CMYK	0.00, 0.07, 0.27, 0.02
HSL	45°, 85%, 85%
HSV	45°, 27%, 98%
XYZ	76.3670, 81.2304, 55.9100
YIQ	231.3830, 26.1820, -11.9460

Conversions

Conversions Part 2

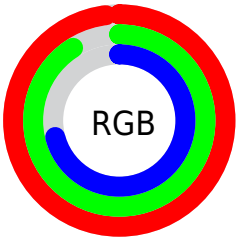
Format	Color
RYB	205, 249, 182
Decimal	16378038
CIELab	92.23, -1.70, 26.46
CIELCh	92, 26.510, 93.672
Yxy	81.2304, 0.3577, 0.3805
Android (android.graphics.Color)	4294568118 (0xFFF9E8B6)
YUV	231.3830, -24.3458, 15.4501
Hunter-Lab	90.1279, -6.4774, 26.3095

Details

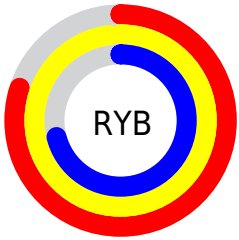
The RGB color 249, 232, 182 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 182, 199, 249, and the grayscale version is 232, 232, 232.

A 20% lighter version of the original color is 255, 255, 238, and 192, 176, 129 is the 20% darker color. If you saturate the color by 10%, you get 249, 226, 157, and if you desaturate by 10%, it is 249, 238, 207.

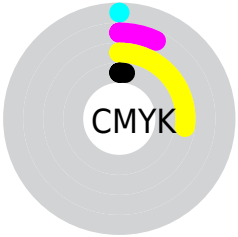
Distribution



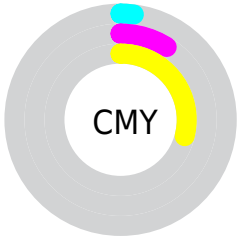
- Red (98%)
- Green (91%)
- Blue (71%)



- Red (80%)
- Yellow (98%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (27%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 232, 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 RGB color 249, 232, 182 by changing the saturation by 10% instead.

249, 232, 182

255, 255, 255

255, 255, 238

249, 232, 182

220, 204, 155

192, 176, 129

164, 150, 103

137, 124, 79

111, 99, 56

86, 75, 33

62, 53, 11

39, 32, 0

8, 9, 0

249, 232, 182

249, 226, 157

249, 219, 132

249, 213, 107

249, 207, 82

249, 200, 57

249, 194, 33

249, 188, 8

249, 186, 0

249, 232, 182

249, 238, 207

249, 245, 232

249, 251, 255

249, 255, 255

Harmonies

Analogous

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

255, 224, 188

249, 232, 182

221, 240, 190

Triad

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

249, 232, 182

162, 246, 255

255, 218, 255

Complementary

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

249, 232, 182

182, 199, 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.

241, 225, 255

249, 232, 182

177, 241, 255

Square

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

249, 232, 182

169, 247, 235

207, 234, 255

255, 215, 230

Rectangle

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

249, 232, 182

201, 244, 202

207, 234, 255

255, 220, 255

Sweetspot

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

249, 232, 182

255, 250, 235

249, 182, 200

128, 124, 115

0, 0, 0

128, 128, 128

Same Dimension

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

249, 232, 182

255, 234, 173

233, 249, 182

125, 122, 112

189, 141, 0

61, 46, 0

Inverse Universe

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

182, 199, 249

173, 194, 255

198, 182, 249

112, 116, 125

0, 48, 189

0, 16, 61

Previews

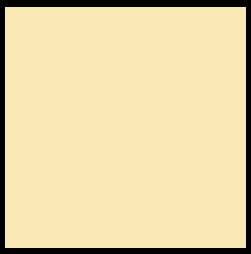
White Background

This preview shows how the RGB color 249, 232, 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



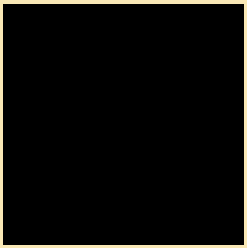
This preview shows how the RGB color 249, 232, 182 looks on a black background.

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.

RGB 249, 232, 182 Background



This preview shows how black text looks on a background with the RGB color 249, 232, 182.

This preview shows how white text looks on a background with the RGB color 249, 232, 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

Original Color
249, 232, 182

Protanopia
248, 232, 182

Deuteranopia
255, 228, 208

Tritanopia
255, 224, 241

Trichromacy

Original Color
249, 232, 182

Protanomaly
248, 232, 182

Deuteranomaly
253, 229, 199

Tritanomaly
253, 227, 220

Monochromacy

Original Color
249, 232, 182

Achromatopsia
231, 231, 231

Achromatomaly
238, 231, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 232, 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(249, 232, 182) looks like.

```
.text, #text, p{
    color:rgb(249, 232, 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(249, 232, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 182) }
```

Border

The CSS property to change the border of an element to RGB 249, 232, 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(249, 232, 182) }
```

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

```
.border{ border-color:rgb(249, 232, 182) }
```

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

Here you see how a box with a 4 pixel rgb(249, 232, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 232, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 232, 182); box-shadow:4px 4px 4px 4px rgb(249, 232, 182) }
```

Background

The CSS property to change the background color of an element to RGB 249, 232, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(249, 232, 182) }
```

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

```
.background{ background-color:rgb(249,
232, 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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