Converting Colors

RYB(232, 249, 230)

Have a look what the booklet for RYB(232, 249, 230) contains.

Color

RYB(232, 249, 230)

Conversions

Format	Color
Hex	F9F7E6
RGB	249, 247, 230
RGB Percent	98%, 97%, 90%
CMY	0.0235, 0.0306, 0.0980
CMYK	0.00, 0.01, 0.08, 0.02
HSL	54°, 61%, 94%
HSV	54°, 8%, 98%
XYZ	86.6689, 92.4910, 88.1475
YIQ	245.6600, 6.6490, -4.8630

Conversions Part 1

Conversions

Conversions Part 2

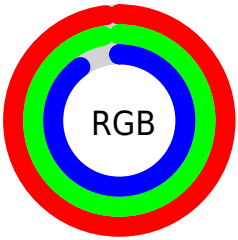
Format	Color
RYB	232, 249, 230
Decimal	16381926
CIELab	97.02, -2.30, 8.46
CIELCh	97, 8.771, 105.225
Yxy	92.4910, 0.3242, 0.3460
Android (android.graphics.Color)	4294572006 (0xFFF9F7E6)
YUV	245.6600, -7.7204, 2.9292
Hunter-Lab	96.1722, -7.4401, 12.9778

Details

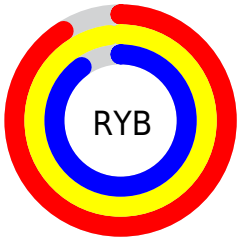
The RYB color 232, 249, 230 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 230, 232, 249, and the grayscale version is 246, 246, 246.

A 20% lighter version of the original color is 255, 255, 255, and 177, 193, 175 is the 20% darker color. If you saturate the color by 10%, you get 209, 249, 205, and if you desaturate by 10%, it is 249, 250, 255.

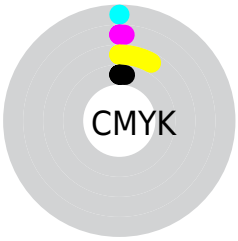
Distribution



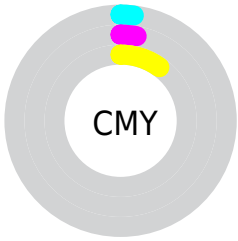
- Red (98%)
- Green (97%)
- Blue (90%)



- Red (91%)
- Yellow (98%)
- Blue (90%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 249, 230 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 232, 249, 230 by changing the saturation by 10% instead.

232, 249, 230

255, 255, 255

232, 249, 230

203, 220, 202

177, 193, 175

149, 165, 148

123, 139, 122

98, 113, 97

74, 89, 73

52, 65, 51

30, 43, 30

7, 24, 5

232, 249, 230

209, 249, 205

188, 249, 180

165, 249, 155

142, 249, 130

122, 249, 106

99, 249, 81

76, 249, 56

54, 249, 31

31, 249, 6

232, 249, 230

249, 250, 255

249, 251, 255

249, 252, 255

249, 252, 255

Harmonies

Analogous

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

250, 255, 230

232, 249, 230

234, 250, 245

Triad

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

232, 249, 230

227, 240, 255

255, 241, 251

Complementary

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

232, 249, 230

230, 232, 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.

253, 243, 255

232, 249, 230

233, 242, 255

Square

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

232, 249, 230

226, 239, 252

243, 245, 255

255, 241, 242

Rectangle

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

232, 249, 230

233, 247, 251

243, 245, 255

255, 242, 254

Sweetspot

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

232, 249, 230

250, 255, 250

249, 230, 232

127, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

232, 249, 230

234, 255, 232

230, 249, 238

113, 125, 112

20, 189, 0

7, 61, 0

Inverse Universe

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

230, 232, 249

232, 234, 255

238, 230, 249

112, 114, 125

0, 16, 189

0, 5, 61

Previews

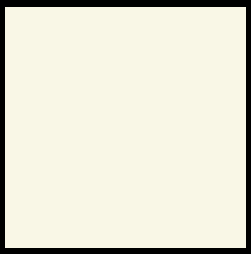
White Background

This preview shows how the RYB color 232, 249, 230 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



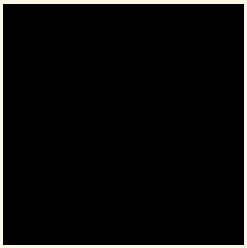
This preview shows how the RYB color 232, 249, 230 looks on a black background.

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 232, 249, 230 Background



This preview shows how black text looks on a background with the RYB color 232, 249, 230.

This preview shows how white text looks on a background with the RYB color 232, 249, 230.

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
232, 249, 230

Protanopia
245, 255, 229

Deuteranopia
255, 244, 242

Tritanopia
250, 244, 255

Trichromacy

Original Color
232, 249, 230

Protanomaly
239, 253, 229

Deuteranomaly
253, 251, 238

Tritanomaly
250, 245, 246

Monochromacy

Original Color
232, 249, 230

Achromatopsia
246, 246, 246

Achromatomaly
241, 247, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 249, 230 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, 247, 230) looks like.

```
.text, #text, p{
    color:rgb(249, 247, 230)
}
```

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, 247, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 247, 230) }
```

Border

The CSS property to change the border of an element to RYB 232, 249, 230 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, 247, 230) }
```

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

```
.border{ border-color:rgb(249, 247, 230) }
```

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

Here you see how a box with a 4 pixel rgb(249, 247, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 247, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 247, 230); box-shadow:4px 4px 4px 4px rgb(249, 247, 230) }
```

Background

The CSS property to change the background color of an element to RYB 232, 249, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(249, 247, 230) }
```

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

```
.background{ background-color:rgb(249,
247, 230) }
```

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