Converting Colors

RGB(255, 221, 191)

Have a look what the booklet for RGB(255, 221, 191) contains.

RGB(255, 221, 191) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

RGB(255, 221, 191)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDBF
RGB	255, 221, 191
RGB Percent	100%, 87%, 75%
CMY	0.0000, 0.1333, 0.2510
CMYK	0.00, 0.13, 0.25, 0.00
HSL	28°, 100%, 87%
HSV	28°, 25%, 100%
XYZ	76.5004, 76.7345, 60.0694
YIQ	227.7460, 29.8940, -2.1220

Conversions

Conversions Part 2

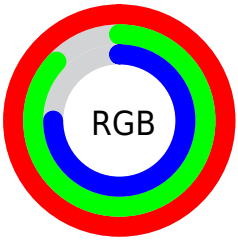
Format	Color
RYB	255, 247, 191
Decimal	16768447
CIELab	90.20, 7.34, 19.07
CIELCh	90, 20.435, 68.940
Yxy	76.7345, 0.3586, 0.3597
Android (android.graphics.Color)	4294958527 (0xFFFFDDBF)
YUV	227.7460, -18.1158, 23.9018
Hunter-Lab	87.5982, 2.5890, 20.6613

Details

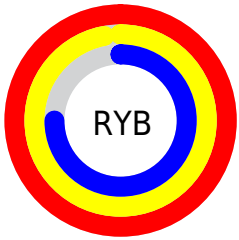
The RGB color 255, 221, 191 is a light color, and the websafe version is hex FFCC99. A complement of this color would be 191, 225, 255, and the grayscale version is 228, 228, 228.

A 20% lighter version of the original color is 255, 255, 247, and 198, 166, 137 is the 20% darker color. If you saturate the color by 10%, you get 255, 207, 166, and if you desaturate by 10%, it is 255, 235, 217.

Distribution

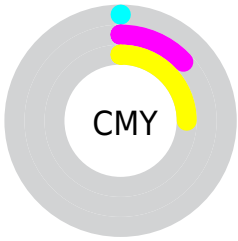


- Red (100%)
- Green (87%)
- Blue (75%)



- Red (100%)
- Yellow (97%)
- Blue (75%)

- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 221, 191 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 255, 221, 191 by changing the saturation by 10% instead.

255, 221, 191

255, 255, 255

255, 255, 247

255, 221, 191

226, 193, 164

198, 166, 137

170, 140, 112

143, 114, 87

117, 90, 64

91, 66, 42

66, 44, 21

44, 23, 0

18, 0, 0

255, 221, 191

255, 207, 166

255, 194, 140

255, 180, 115

255, 167, 89

255, 153, 64

255, 140, 38

255, 126, 13

255, 120, 0

255, 221, 191

255, 235, 217

255, 248, 242

255, 255, 255

Harmonies

Analogous

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

255, 216, 203

255, 221, 191

236, 227, 188

Triad

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

255, 221, 191

178, 238, 232

238, 220, 255

Complementary

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

255, 221, 191

191, 225, 255

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.

213, 227, 255

255, 221, 191

176, 237, 251

Square

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

255, 221, 191

193, 237, 212

189, 233, 255

255, 215, 241

Rectangle

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

255, 221, 191

222, 231, 193

189, 233, 255

230, 222, 255

Sweetspot

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

255, 221, 191

255, 244, 235

255, 191, 225

128, 121, 115

0, 0, 0

128, 128, 128

Same Dimension

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

255, 221, 191

255, 214, 179

255, 253, 191

128, 121, 115

191, 90, 0

64, 30, 0

Inverse Universe

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

191, 225, 255

179, 219, 255

191, 193, 255

115, 122, 128

0, 102, 191

0, 34, 64

Previews

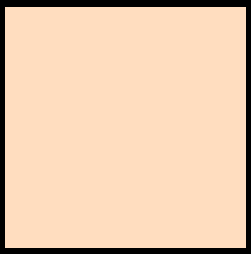
White Background

This preview shows how the RGB color 255, 221, 191 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



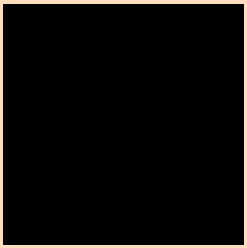
This preview shows how the RGB color 255, 221, 191 looks on a black background.

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 255, 221, 191 Background



This preview shows how black text looks on a background with the RGB color 255, 221, 191.

This preview shows how white text looks on a background with the RGB color 255, 221, 191.

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
255, 221, 191

Protanopia
239, 227, 194

Deuteranopia
255, 220, 199

Tritanopia
255, 217, 231

Trichromacy

Original Color
255, 221, 191

Protanomaly
245, 225, 193

Deuteranomaly
255, 220, 196

Tritanomaly
255, 218, 216

Monochromacy

Original Color
255, 221, 191

Achromatopsia
228, 228, 228

Achromatomaly
238, 225, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 221, 191 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(255, 221, 191) looks like.

```
.text, #text, p{
    color:rgb(255, 221, 191)
}
```

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(255, 221, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 191) }
```

Border

The CSS property to change the border of an element to RGB 255, 221, 191 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(255, 221, 191) }
```

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

```
.border{ border-color:rgb(255, 221, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 221, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 191); box-shadow:4px 4px 4px 4px rgb(255, 221, 191) }
```

Background

The CSS property to change the background color of an element to RGB 255, 221, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 221, 191) }
```

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

```
.background{ background-color:rgb(255,
221, 191) }
```

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