

Converting Colors

`RYB(247, 240, 203)`

Have a look what the booklet for
RYB(247, 240, 203) contains.

RYB(247, 240, 203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(247, 240, 203)`

Conversions

Conversions Part 1	
Format	Color
Hex	F7DFCB
RGB	247, 223, 203
RGB Percent	97%, 87%, 80%
CMY	0.0314, 0.1251, 0.2039
CMYK	0.00, 0.10, 0.18, 0.03
HSL	27°, 73%, 88%
HSV	27°, 18%, 97%
XYZ	75.5513, 76.9141, 67.3638
YIQ	227.8960, 20.7240, -1.1320

Conversions

Conversions Part 2

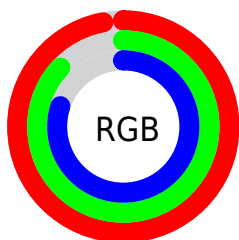
Format	Color
RYB	247, 240, 203
Decimal	16244683
CIELab	90.28, 5.05, 12.83
CIELCh	90, 13.786, 68.489
Yxy	76.9141, 0.3437, 0.3499
Android (android.graphics.Color)	4294434763 (0xFFFF7DFCB)
YUV	227.8960, -12.2737, 16.7542
Hunter-Lab	87.7007, 0.2958, 15.8492

Details

The RYB color **247, 240, 203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **203, 219, 247**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **190, 184, 149** is the 20% darker color. If you saturate the color by 10%, you get **247, 238, 178**, and if you desaturate by 10%, it is **247, 245, 228**.

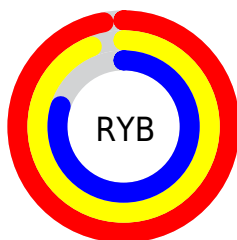
Distribution



Red (97%)

Green (87%)

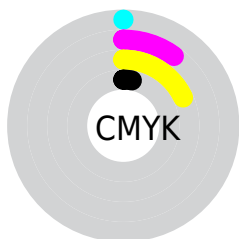
Blue (80%)



Red (97%)

Yellow (94%)

Blue (80%)

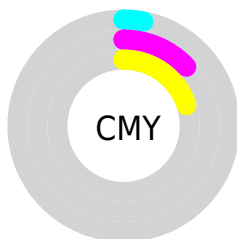


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (3%)



Cyan (3%)

Magenta (13%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 240, 203 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 247, 240, 203 by changing the saturation by 10% instead.



247, 240, 203



247, 240, 203

255, 255, 255



218, 211, 176



190, 184, 149



163, 159, 123



136, 132, 98



111, 105, 74



86, 82, 52



62, 62, 30



33, 40, 6



14, 0, 0

 247, 240, 203

 247, 240, 203

 247, 238, 178

 247, 245, 228

 247, 231, 154

 247, 249, 252


 247, 229, 129

 247, 251, 255

 247, 223, 104

 247, 221, 79

 247, 217, 55

 247, 212, 30

 247, 210, 5

 247, 208, 0

Harmonies

Analogous

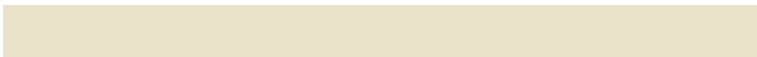
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 222, 211



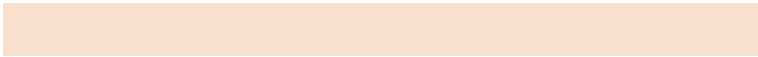
247, 240, 203



210, 234, 201

Triad

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



247, 240, 203



196, 217, 235



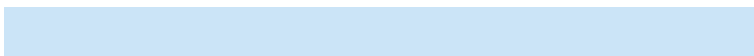
234, 223, 248

Complementary

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



247, 240, 203



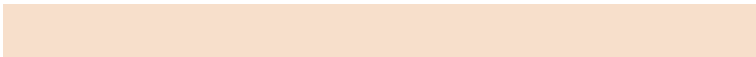
203, 219, 247

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.



218, 225, 253



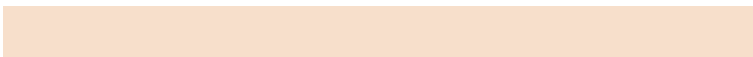
247, 240, 203



195, 217, 243

Square

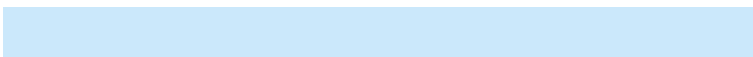
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247, 240, 203



205, 226, 234



203, 221, 251



248, 219, 237

Rectangle

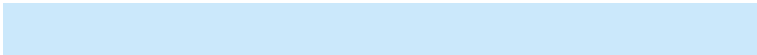
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247, 240, 203



204, 230, 210



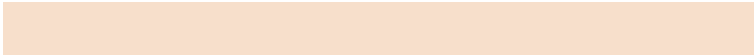
203, 221, 251



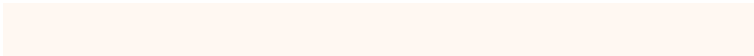
229, 224, 250

Sweetspot

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



247, 240, 203



255, 253, 242



247, 203, 227



128, 125, 120



0, 0, 0



128, 128, 128

Same Dimension

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



247, 240, 203



255, 248, 201



205, 247, 203



122, 122, 110



186, 157, 0



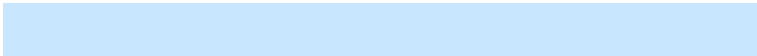
59, 50, 0

Inverse Universe

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



203, 219, 247



201, 220, 255



203, 205, 247



110, 114, 122



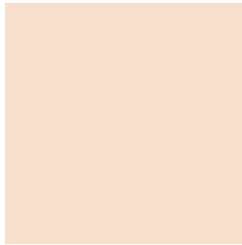
0, 65, 186



0, 21, 59

Previews

White Background



This preview shows how the RYB color 247, 240, 203 looks on a white background.

Color Contrast Check

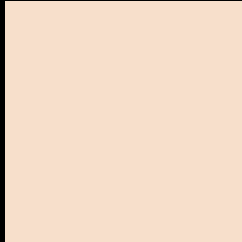
Large Text (above 18pt) WCAG AA × Fail

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 247, 240, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

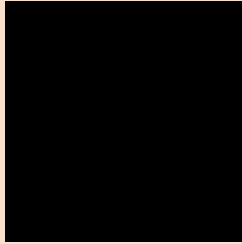
Any Text WCAG AA ✓ Pass

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 247, 240, 203 Background



This preview shows how black text looks on a background with the RYB color 247, 240, 203.

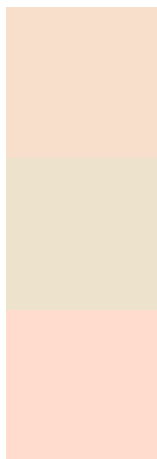


This preview shows how white text looks on a background with the RYB color 247, 240, 203.

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

247, 240, 203

Protanopia

220, 237, 205

Deuteranopia

255, 226, 206



Tritanopia

251, 218, 235

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 240, 203 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(247, 223, 203) looks like.

```
.text, #text, p{  
    color:rgb(247, 223, 203)  
}
```

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(247, 223, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 223, 203) }
```

Border

The CSS property to change the border of an element to RYB 247, 240, 203 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(247, 223, 203) }
```

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

```
.border{ border-color:rgb(247, 223, 203) }
```

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

Here you see how a box with a 4 pixel rgb(247, 223, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 223, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 223, 203);  
box-shadow:4px 4px 4px 4px rgb(247, 223,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 247, 240, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 223, 203) }
```

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

```
.background{ background-color: rgb(247,  
223, 203) }
```

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