

Converting Colors

`RYB(252, 247, 225)`

Have a look what the booklet for RYB(252, 247, 225) contains.

RYB(252, 247, 225)	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(252, 247, 225)

Conversions

Conversions Part 1

Format	Color
Hex	FCED E1
RGB	252, 237, 225
RGB Percent	99%, 93%, 88%
CMY	0.0118, 0.0701, 0.1176
CMYK	0.00, 0.06, 0.11, 0.01
HSL	27°, 82%, 94%
HSV	27°, 11%, 99%
XYZ	84.0551, 86.7710, 83.5525
YIQ	240.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

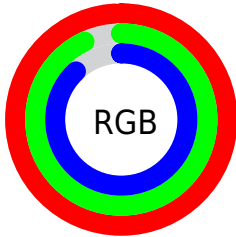
Format	Color
R_{YB}	252, 247, 225
Decimal	16575969
CIE Lab	94.64, 3.03, 7.66
CIE LCh	95, 8.235, 68.411
Yxy	86.7710, 0.3304, 0.3411
Android (android.graphics.Color)	4294766049 (0xFFFCED1)
YUV	240.1170, -7.4527, 10.4214
Hunter-Lab	93.1510, -1.9440, 12.0250

Details

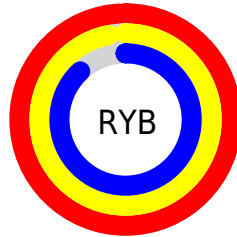
The RYB color **252, 247, 225** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **225, 235, 252**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 190, 170** is the 20% darker color. If you saturate the color by 10%, you get **252, 241, 200**, and if you desaturate by 10%, it is 252, 252, 250.

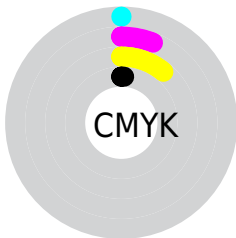
Distribution



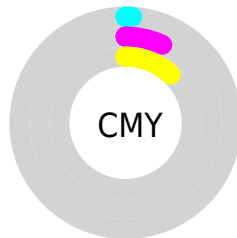
- Red (99%)
- Green (93%)
- Blue (88%)



- Red (99%)
- Yellow (97%)
- Blue (88%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 247, 225 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 252, 247, 225 by changing the saturation by 10% instead.

 252, 247, 225


255, 255, 255

 252, 247, 225


 223, 219, 197

 195, 190, 170

 168, 166, 143

 142, 138, 118

 116, 111, 93

 91, 87, 69

 67, 67, 47

 45, 43, 26

 26, 26, 0

 252, 247, 225

 252, 247, 225

 252, 241, 200


 252, 252, 250

 252, 236, 175


 252, 254, 255


 252, 232, 149

 252, 230, 124

 252, 225, 99

 252, 219, 74

 252, 214, 49

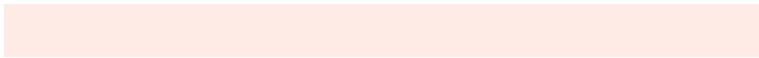
 252, 210, 23

 252, 205, 0

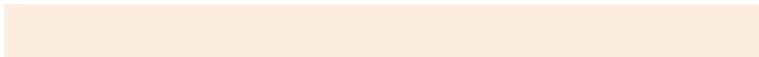
Harmonies

Analogous

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



255, 236, 230



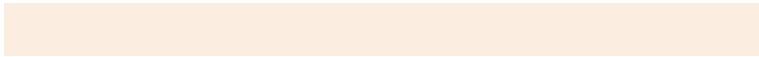
252, 247, 225



229, 244, 224

Triad

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



252, 247, 225



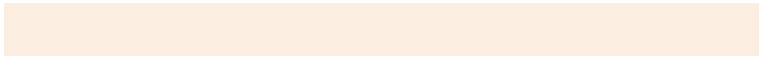
221, 233, 244



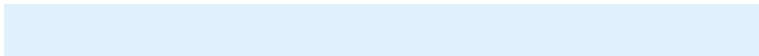
244, 237, 252

Complementary

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



252, 247, 225



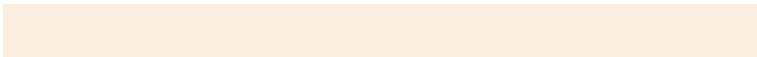
225, 235, 252

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.



234, 238, 255



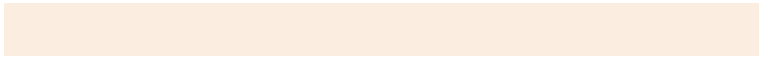
252, 247, 225



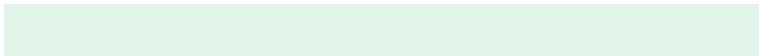
221, 234, 249

Square

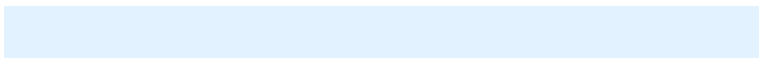
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



252, 247, 225



226, 239, 244



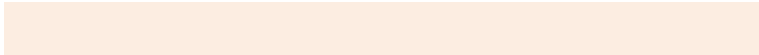
226, 236, 254



252, 235, 246

Rectangle

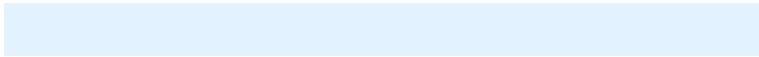
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 247, 225



226, 241, 229



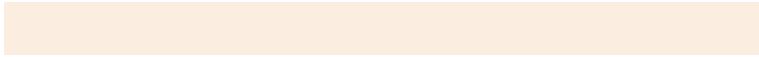
226, 236, 254



241, 238, 254

Sweetspot

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



252, 247, 225



255, 255, 247



252, 225, 240



128, 128, 122



0, 0, 0



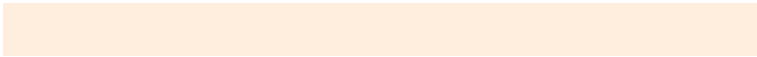
128, 128, 128

Same Dimension

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



252, 247, 225



255, 250, 222



227, 252, 225



125, 123, 112



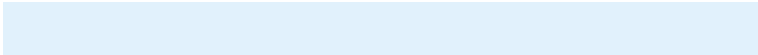
189, 154, 0



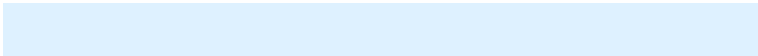
61, 48, 0

Inverse Universe

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



225, 235, 252



222, 234, 255



225, 227, 252



112, 117, 125



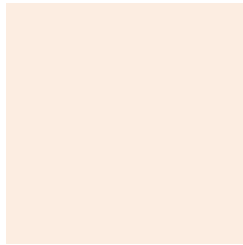
0, 67, 189



0, 22, 61

Previews

White Background



This preview shows how the RYB color 252, 247, 225 looks on a white background.

Color Contrast Check

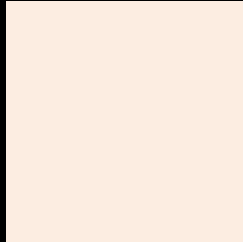
Large Text (above 18pt) WCAG AA × Fail

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 252, 247, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

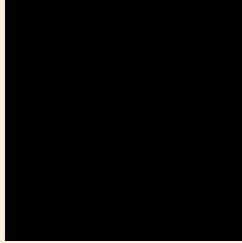
Any Text WCAG AA ✓ Pass

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 252, 247, 225 Background



This preview shows how black text looks on a background with the RYB color 252, 247, 225.

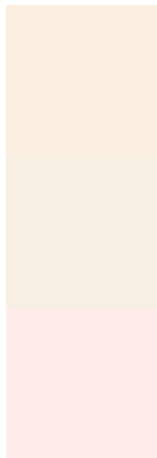


This preview shows how white text looks on a background with the RYB color 252, 247, 225.

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
252, 247, 225

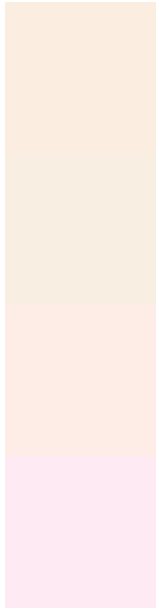
Protanopia
239, 247, 226

Deuteranopia
255, 235, 233



Tritanopia
255, 233, 251

Trichromacy



Original Color

252, 247, 225

Protanomaly

247, 249, 226

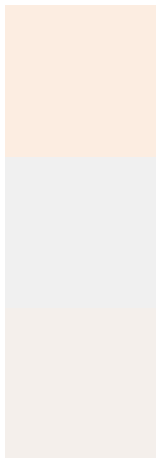
Deuteranomaly

254, 238, 230

Tritanomaly

254, 234, 242

Monochromacy



Original Color

252, 247, 225

Achromatopsia

240, 240, 240

Achromatomaly

244, 242, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 247, 225 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(252, 237, 225) looks like.

```
.text, #text, p{  
    color:rgb(252, 237, 225)  
}
```

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(252, 237, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 237, 225) }
```

Border

The CSS property to change the border of an element to RYB 252, 247, 225 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(252, 237, 225) }
```

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

```
.border{ border-color:rgb(252, 237, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 237, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 237, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 237, 225);  
box-shadow:4px 4px 4px 4px rgb(252, 237,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 252, 247, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 237, 225) }
```

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

```
.background{ background-color: rgb(252,  
237, 225) }
```

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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