

Converting Colors

`RYB(247, 221, 221)`

Have a look what the booklet for
RYB(247, 221, 221) contains.

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Color

$\text{RYB}(247, 221, 221)$

Conversions

Conversions Part 1

Format	Color
Hex	F7DDDD
RGB	247, 221, 221
RGB Percent	97%, 87%, 87%
CMY	0.0314, 0.1333, 0.1333
CMYK	0.00, 0.11, 0.11, 0.03
HSL	0°, 62%, 92%
HSV	0°, 11%, 97%
XYZ	77.2654, 76.7075, 79.1403
YIQ	228.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

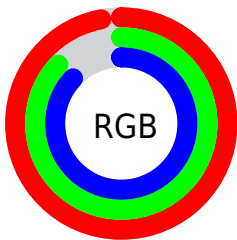
Format	Color
R _Y B	247, 221, 221
Decimal	16244189
CIE Lab	90.19, 8.94, 3.26
CIE LCh	90, 9.517, 20.024
Yxy	76.7075, 0.3314, 0.3291
Android (android.graphics.Color)	4294434269 (0xFFFF7DDDD)
YUV	228.7740, -3.8326, 15.9842
Hunter-Lab	87.5828, 4.2023, 7.7332

Details

The RYB color **247, 221, 221** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **221, 234, 247**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 166, 166** is the 20% darker color. If you saturate the color by 10%, you get **247, 196, 196**, and if you desaturate by 10%, it is **247, 246, 246**.

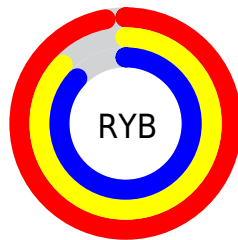
Distribution



Red (97%)

Green (87%)

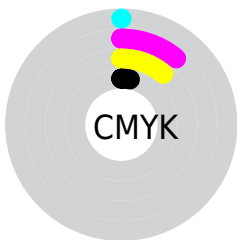
Blue (87%)



Red (97%)

Yellow (87%)

Blue (87%)

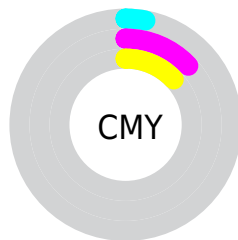


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (3%)



Cyan (3%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 221, 221 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, 221, 221 by changing the saturation by 10% instead.


 247, 221, 221

 247, 221, 221


255, 255, 255

 218, 193, 193

 190, 166, 166


 163, 140, 140

 137, 114, 114

 111, 90, 90

 87, 66, 66


 63, 44, 44

 41, 23, 24


 21, 0, 0

 247, 221, 221


 247, 221, 221

 247, 196, 196

 247, 246, 246

 247, 172, 172

 247, 251, 255

 247, 147, 147

 247, 122, 122

 247, 98, 98

 247, 73, 73

 247, 48, 48

 247, 23, 23

 247, 0, 0

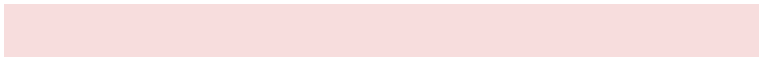
Harmonies

Analogous

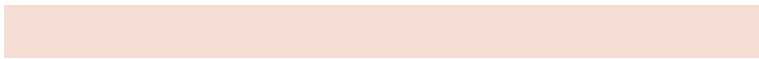
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 221, 230



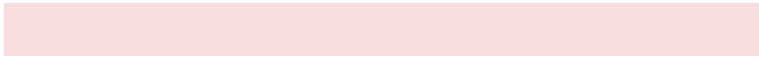
247, 221, 221



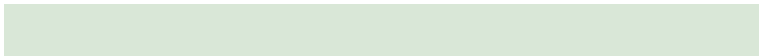
245, 228, 213

Triad

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



247, 221, 221



215, 231, 229



214, 224, 245

Complementary

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



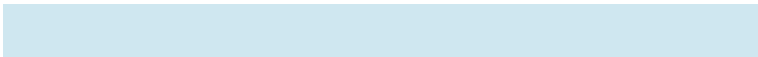
247, 221, 221



221, 234, 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.



207, 221, 240



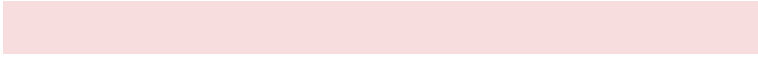
247, 221, 221



209, 223, 232

Square

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



247, 221, 221



210, 228, 210



205, 219, 233



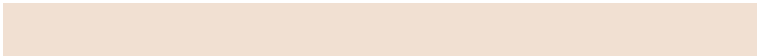
225, 226, 244

Rectangle

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



247, 221, 221



241, 236, 210



205, 219, 233



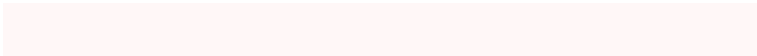
211, 223, 244

Sweetspot

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



247, 221, 221



255, 247, 247



247, 221, 247



128, 122, 122



0, 0, 0



128, 128, 128

Same Dimension

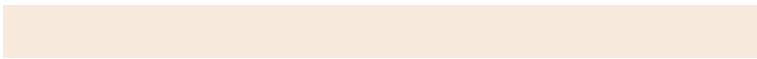
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247, 221, 221



255, 222, 222



247, 247, 221



122, 110, 110



186, 0, 0



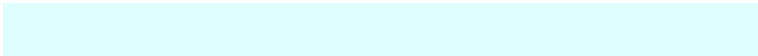
59, 0, 0

Inverse Universe

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



221, 234, 247



222, 239, 255



221, 230, 247



110, 116, 122



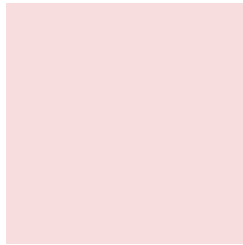
0, 93, 186



0, 30, 59

Previews

White Background



This preview shows how the RYB color 247, 221, 221 looks on a white background.

Color Contrast Check

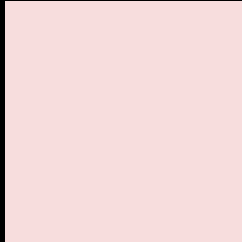
Large Text (above 18pt) WCAG AA × Fail

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, 221, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

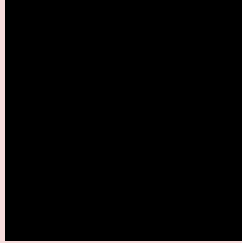
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

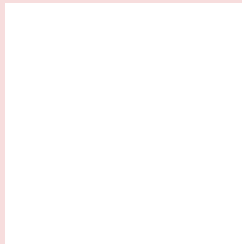
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 247, 221, 221 Background



This preview shows how black text looks on a background with the RYB color 247, 221, 221.

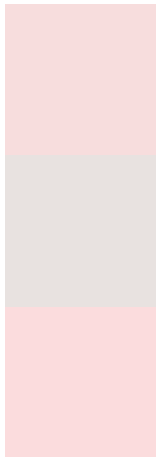


This preview shows how white text looks on a background with the RYB color 247, 221, 221.

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, 221, 221

Protanopia
232, 227, 224

Deuteranopia
251, 220, 221



Tritanopia

249, 219, 236

Trichromacy



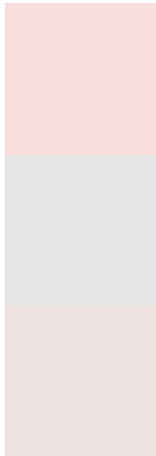
Original Color
247, 221, 221

Protanomaly
237, 224, 223

Deuteranomaly
250, 220, 221

Tritanomaly
248, 220, 231

Monochromacy



Original Color
247, 221, 221

Achromatopsia
229, 229, 229

Achromatomaly
236, 226, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 221, 221 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, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(247, 221, 221)  
}
```

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, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 221, 221) }
```

Border

The CSS property to change the border of an element to RYB 247, 221, 221 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, 221, 221) }
```

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

```
.border{ border-color:rgb(247, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(247, 221,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 247, 221, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 221, 221) }
```

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

```
.background{ background-color: rgb(247,  
221, 221) }
```

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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