

Converting Colors

`RYB(247, 213, 213)`

Have a look what the booklet for
RYB(247, 213, 213) contains.

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Color

$\text{RYB}(247, 213, 213)$

Conversions

Conversions Part 1

Format	Color
Hex	F7D5D5
RGB	247, 213, 213
RGB Percent	97%, 84%, 84%
CMY	0.0314, 0.1647, 0.1647
CMYK	0.00, 0.14, 0.14, 0.03
HSL	0°, 68%, 90%
HSV	0°, 14%, 97%
XYZ	74.1623, 72.1668, 72.9716
YIQ	223.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

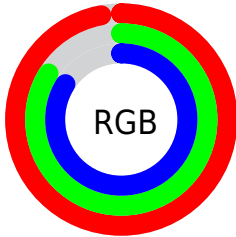
Format	Color
R _Y B	247, 213, 213
Decimal	16242133
CIE Lab	88.05, 11.83, 4.37
CIE LCh	88, 12.607, 20.289
Yxy	72.1668, 0.3382, 0.3291
Android (android.graphics.Color)	4294432213 (0xFFFF7D5D5)
YUV	223.1660, -5.0118, 20.9024
Hunter-Lab	84.9510, 7.1663, 8.5365

Details

The RYB color **247, 213, 213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213, 230, 247**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 158, 158** is the 20% darker color. If you saturate the color by 10%, you get **247, 188, 188**, and if you desaturate by 10%, it is **247, 238, 238**.

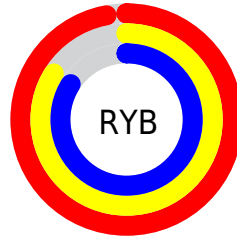
Distribution



Red (97%)

Green (84%)

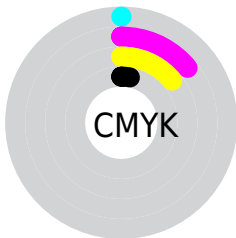
Blue (84%)



Red (97%)

Yellow (84%)

Blue (84%)

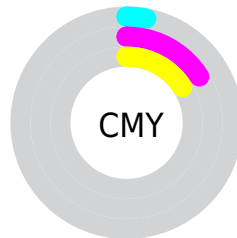


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (3%)



Cyan (3%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 213, 213 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, 213, 213 by changing the saturation by 10% instead.

 247, 213, 213

 247, 213, 213


255, 255, 255

 218, 185, 185

 190, 158, 158

 163, 132, 132

 137, 107, 107

 111, 83, 83

 86, 59, 60


 62, 38, 38

 40, 17, 18


 9, 0, 0

 247, 213, 213

 247, 213, 213


 247, 188, 188

 247, 238, 238

 247, 164, 164

 247, 251, 255

 247, 139, 139

 247, 114, 114

 247, 90, 90

 247, 65, 65

 247, 40, 40

 247, 15, 15

 247, 0, 0

Harmonies

Analogous

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



243, 213, 225



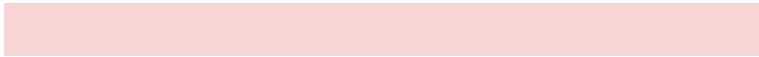
247, 213, 213



244, 220, 203

Triad

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



247, 213, 213



205, 226, 223



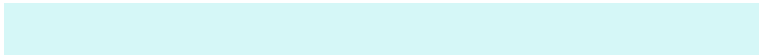
204, 217, 244

Complementary

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



247, 213, 213



213, 230, 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.



194, 213, 239



247, 213, 213



197, 216, 228

Square

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



247, 213, 213



198, 223, 199



191, 210, 229



218, 219, 243

Rectangle

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



247, 213, 213



238, 232, 199



191, 210, 229



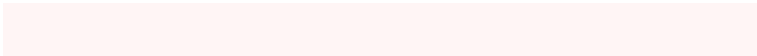
200, 215, 243

Sweetspot

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



247, 213, 213



255, 245, 245



247, 213, 247



128, 121, 121



0, 0, 0



128, 128, 128

Same Dimension

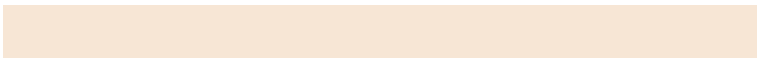
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247, 213, 213



255, 212, 212



247, 247, 213



122, 110, 110



186, 0, 0



59, 0, 0

Inverse Universe

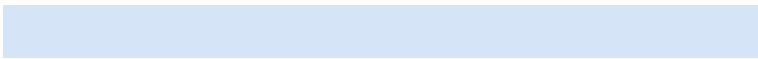
The Inverse Universe completely reimagines the original color for something new.



213, 230, 247



212, 234, 255



213, 224, 247



110, 116, 122



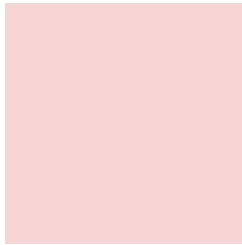
0, 93, 186



0, 30, 59

Previews

White Background



This preview shows how the RYB color 247, 213, 213 looks on a white background.

Color Contrast Check

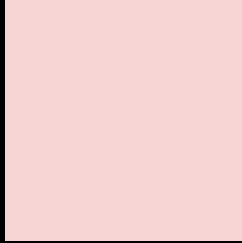
Large Text (above 18pt) WCAG AA × Fail

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, 213, 213 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, 213, 213 Background



This preview shows how black text looks on a background with the RYB color 247, 213, 213.



This preview shows how white text looks on a background with the RYB color 247, 213, 213.

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, 213, 213
	Protanopia 226, 222, 217
	Deuteranopia 245, 214, 213



Tritanopia
249, 211, 227

Trichromacy



Original Color

247, 213, 213

Protanomaly

234, 217, 216

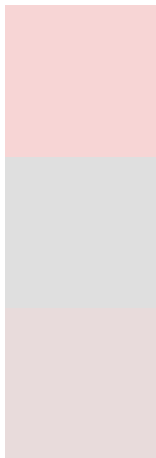
Deuteranomaly

246, 214, 213

Tritanomaly

248, 212, 222

Monochromacy



Original Color

247, 213, 213

Achromatopsia

223, 223, 223

Achromatomaly

232, 219, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 213, 213 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, 213, 213) looks like.

```
.text, #text, p{  
    color:rgb(247, 213, 213)  
}
```

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, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 213, 213) }
```

Border

The CSS property to change the border of an element to RYB 247, 213, 213 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, 213, 213) }
```

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

```
.border{ border-color:rgb(247, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 213,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 247, 213, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 213, 213) }
```

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

```
.background{ background-color: rgb(247,  
213, 213) }
```

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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