

Converting Colors

`RYB(252, 226, 213)`

Have a look what the booklet for
RYB(252, 226, 213) contains.

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Color

R_YB(252, 226, 213)

Conversions

Conversions Part 1

Format	Color
Hex	FCDFD5
RGB	252, 223, 213
RGB Percent	99%, 87%, 84%
CMY	0.0118, 0.1265, 0.1647
CMYK	0.00, 0.12, 0.15, 0.01
HSL	15°, 87%, 91%
HSV	15°, 15%, 99%
XYZ	78.4761, 78.1414, 73.8975
YIQ	230.5310, 20.4940, 3.0380

Conversions

Conversions Part 2

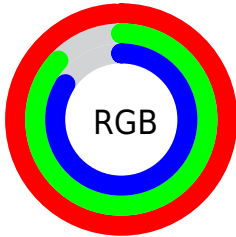
Format	Color
RYP	252, 226, 213
Decimal	16572373
CIELab	90.84, 8.53, 8.45
CIElCh	91, 12.012, 44.738
Yxy	78.1414, 0.3404, 0.3390
Android (android.graphics.Color)	4294762453 (0xFFFCDFD5)
YUV	230.5310, -8.6428, 18.8283
Hunter-Lab	88.3976, 3.7697, 12.3139

Details

The RYB color **252, 226, 213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213, 230, 252**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **195, 172, 158** is the 20% darker color. If you saturate the color by 10%, you get **252, 209, 188**, and if you desaturate by 10%, it is **252, 244, 238**.

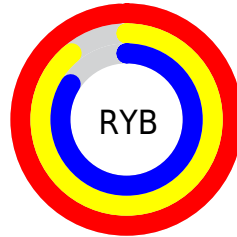
Distribution



Red (99%)

Green (87%)

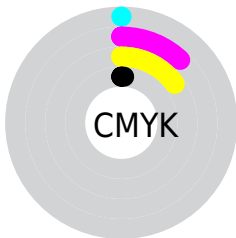
Blue (84%)



Red (99%)

Yellow (89%)

Blue (84%)

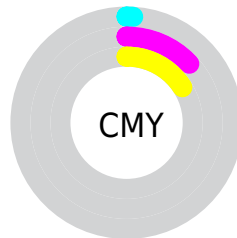


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (1%)



Cyan (1%)

Magenta (13%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 252, 226, 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 252, 226, 213 by changing the saturation by 10% instead.

 252, 226, 213


255, 255, 255

 252, 226, 213


 223, 199, 185

 195, 172, 158


 168, 144, 132

 141, 119, 107

 115, 94, 83

 90, 71, 60

 66, 47, 38

 43, 26, 18

 22, 0, 0

252, 226, 213

252, 226, 213

252, 209, 188

252, 244, 238

252, 192, 163

252, 254, 255

252, 176, 137

252, 159, 112

252, 142, 87

252, 124, 62

252, 107, 37

252, 93, 11

252, 84, 0

Harmonies

Analogous

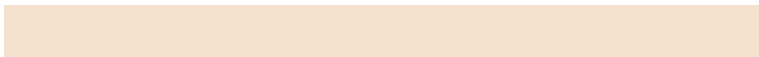
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



254, 221, 223



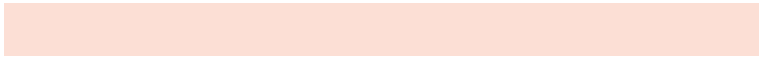
252, 226, 213



242, 244, 207

Triad

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



252, 226, 213



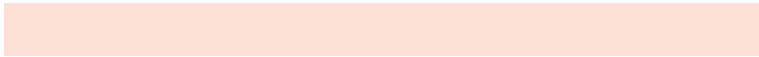
207, 225, 235



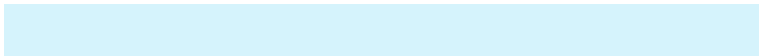
224, 227, 251

Complementary

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



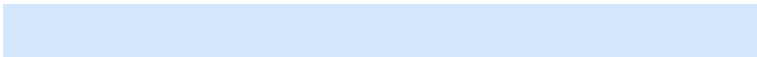
252, 226, 213



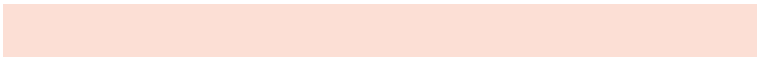
213, 230, 252

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.



210, 224, 251



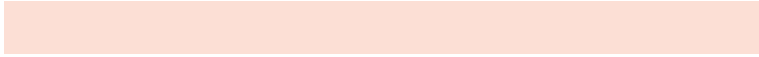
252, 226, 213



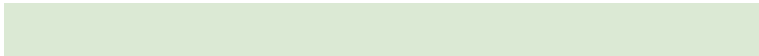
201, 219, 236

Square

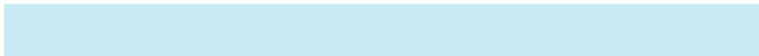
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



252, 226, 213



212, 233, 226



202, 220, 244



238, 224, 245

Rectangle

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



252, 226, 213



219, 237, 206



202, 220, 244



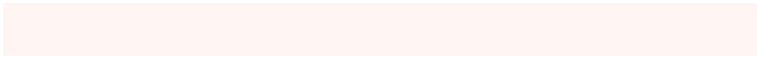
219, 227, 251

Sweetspot

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



252, 226, 213



255, 246, 242



252, 213, 242



128, 123, 120



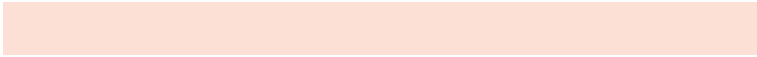
0, 0, 0



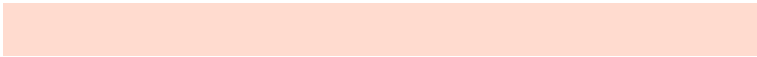
128, 128, 128

Same Dimension

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



252, 226, 213



255, 223, 207



226, 252, 213



125, 118, 112



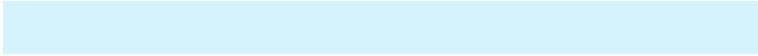
189, 63, 0



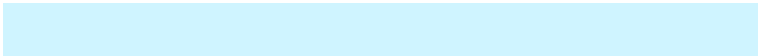
61, 20, 0

Inverse Universe

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



213, 230, 252



207, 228, 255



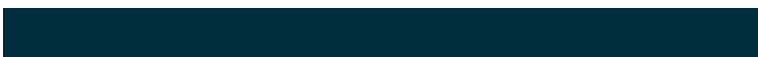
213, 221, 252



112, 118, 125



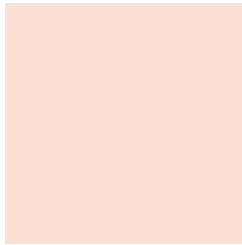
0, 81, 189



0, 26, 61

Previews

White Background



This preview shows how the RYB color 252, 226, 213 looks on a white background.

Color Contrast Check

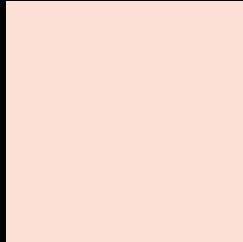
Large Text (above 18pt) WCAG AA × Fail

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 252, 226, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

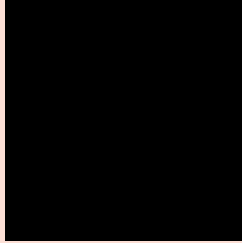
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

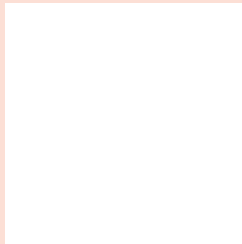
Any Text WCAG AAA ✓ Pass

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

RYB 252, 226, 213 Background



This preview shows how black text looks on a background with the RYB color 252, 226, 213.

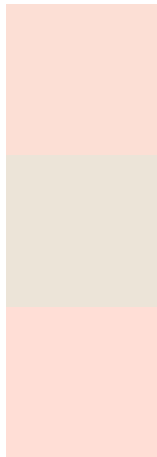


This preview shows how white text looks on a background with the RYB color 252, 226, 213.

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
252, 226, 213

Protanopia
229, 236, 216

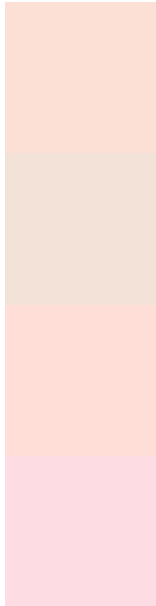
Deuteranopia
255, 224, 214



Tritanopia

255, 219, 236

Trichromacy



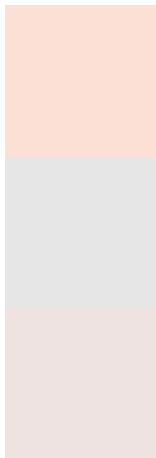
Original Color
252, 226, 213

Protanomaly
242, 234, 215

Deuteranomaly
254, 224, 214

Tritanomaly
254, 220, 228

Monochromacy



Original Color
252, 226, 213

Achromatopsia
230, 230, 230

Achromatomaly
238, 228, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 226, 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(252, 223, 213) looks like.

```
.text, #text, p{  
    color:rgb(252, 223, 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(252, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 223, 213) }
```

Border

The CSS property to change the border of an element to RYB 252, 226, 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(252, 223, 213) }
```

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

```
.border{ border-color:rgb(252, 223, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 223, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 223, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 223, 213);  
box-shadow:4px 4px 4px 4px rgb(252, 223,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 252, 226, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 223, 213) }
```

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

```
.background{ background-color: rgb(252,  
223, 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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