

Converting Colors

`RYB(253, 221, 226)`

Have a look what the booklet for RYB(253, 221, 226) contains.

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Color

$\text{RYB}(253, 221, 226)$

Conversions

Conversions Part 1

Format	Color
Hex	FDDDE2
RGB	253, 221, 226
RGB Percent	99%, 87%, 89%
CMY	0.0078, 0.1333, 0.1137
CMYK	0.00, 0.13, 0.11, 0.01
HSL	351°, 89%, 93%
HSV	351°, 13%, 99%
XYZ	80.0919, 78.0865, 82.8024
YIQ	231.1380, 17.4670, 8.3390

Conversions

Conversions Part 2

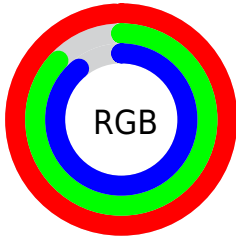
Format	Color
R _Y B	253, 221, 226
Decimal	16637410
CIE Lab	90.82, 11.84, 1.62
CIE LCh	91, 11.948, 7.781
Yxy	78.0865, 0.3324, 0.3240
Android (android.graphics.Color)	4294827490 (0xFFFDDDE2)
YUV	231.1380, -2.5330, 19.1730
Hunter-Lab	88.3666, 7.1437, 6.2999

Details

The RYB color **253, 221, 226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **221, 238, 253**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 166, 171** is the 20% darker color. If you saturate the color by 10%, you get **253, 196, 205**, and if you desaturate by 10%, it is **253, 246, 247**.

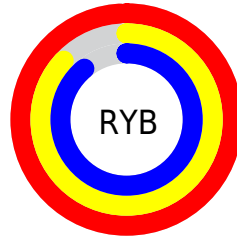
Distribution



Red (99%)

Green (87%)

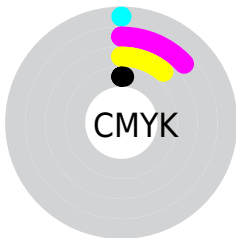
Blue (89%)



Red (99%)

Yellow (87%)

Blue (89%)

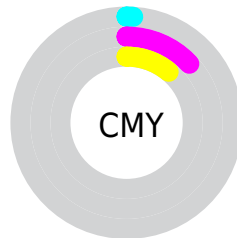


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (1%)



Cyan (1%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 253, 221, 226 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 253, 221, 226 by changing the saturation by 10% instead.

 253, 221, 226


255, 255, 255

 253, 221, 226


 224, 193, 198


 196, 166, 171

 169, 140, 144

 142, 114, 119

 116, 89, 94

 91, 66, 70

 68, 44, 48

 45, 23, 27

 27, 0, 0

253, 221, 226

253, 221, 226

253, 196, 205

253, 246, 247

253, 170, 183

253, 254, 255

253, 145, 162

253, 120, 141

253, 95, 119

253, 69, 98

253, 44, 77

253, 19, 55

253, 0, 40

Harmonies

Analogous

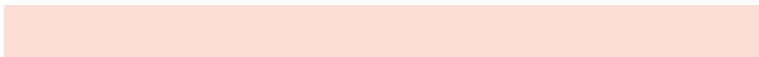
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 222, 238



253, 221, 226



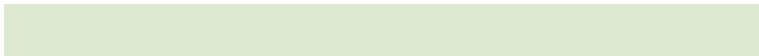
253, 224, 215

Triad

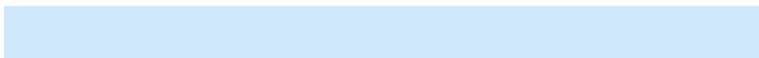
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253, 221, 226



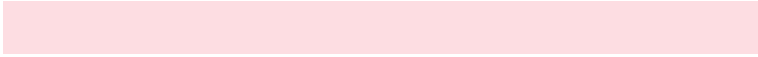
210, 232, 220



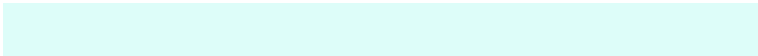
208, 223, 249

Complementary

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



253, 221, 226



221, 238, 253

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.



201, 220, 242



253, 221, 226



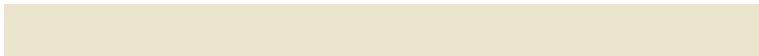
210, 228, 235

Square

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



253, 221, 226



214, 235, 206



202, 220, 236



220, 227, 251

Rectangle

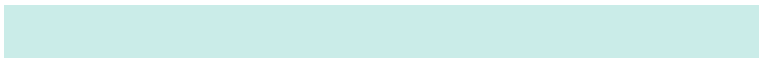
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



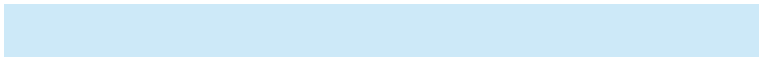
253, 221, 226



249, 232, 210



202, 220, 236



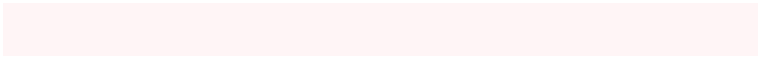
205, 222, 248

Sweetspot

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



253, 221, 226



255, 245, 246



248, 221, 253



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

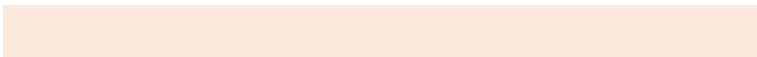
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 221, 226



255, 217, 223



253, 238, 221



128, 115, 117



191, 0, 30



64, 0, 10

Inverse Universe

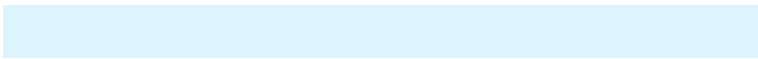
The Inverse Universe completely reimagines the original color for something new.



253, 221, 226



255, 217, 223



221, 234, 253



128, 115, 117



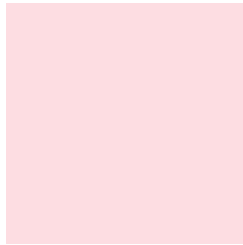
191, 0, 30



64, 0, 10

Previews

White Background



This preview shows how the RYB color 253, 221, 226 looks on a white background.

Color Contrast Check

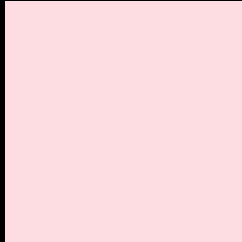
Large Text (above 18pt) WCAG AA × Fail

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 253, 221, 226 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 253, 221, 226 Background



This preview shows how black text looks on a background with the RYB color 253, 221, 226.




This preview shows how white text looks on a background with the RYB color 253, 221, 226.

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 253, 221, 226
	Protanopia 232, 228, 230
	Deuteranopia 252, 221, 226



Tritanopia
254, 219, 236

Trichromacy



Original Color

253, 221, 226

Protanomaly

240, 225, 229

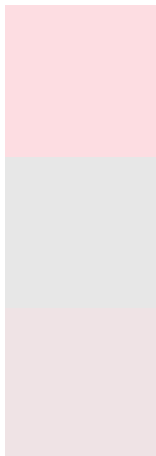
Deuteranomaly

252, 221, 226

Tritanomaly

254, 220, 232

Monochromacy



Original Color

253, 221, 226

Achromatopsia

231, 231, 231

Achromatomaly

239, 227, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 221, 226 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(253, 221, 226) looks like.

```
.text, #text, p{  
    color:rgb(253, 221, 226)  
}
```

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(253, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 221, 226) }
```

Border

The CSS property to change the border of an element to RYB 253, 221, 226 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(253, 221, 226) }
```

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

```
.border{ border-color:rgb(253, 221, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 221, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 221, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 221, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 221,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 253, 221, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 221, 226) }
```

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

```
.background{ background-color: rgb(253,  
221, 226) }
```

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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