

Converting Colors

`RYB(239, 214, 226)`

Have a look what the booklet for RYB(239, 214, 226) contains.

RYB(239, 214, 226)	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

R_YB(239, 214, 226)

Conversions

Conversions Part 1

Format	Color
Hex	EFD6E2
RGB	239, 214, 226
RGB Percent	94%, 84%, 89%
CMY	0.0627, 0.1608, 0.1137
CMYK	0.00, 0.10, 0.05, 0.06
HSL	331°, 44%, 89%
HSV	331°, 10%, 94%
XYZ	73.3706, 71.9348, 81.9693
YIQ	222.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

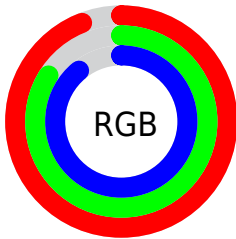
Format	Color
R_{YB}	239, 214, 226
Decimal	15718114
CIE _{Lab}	87.94, 10.66, -2.74
CIE _{LCh}	88, 11.008, 345.601
Yxy	71.9348, 0.3228, 0.3165
Android (android.graphics.Color)	4293908194 (0xFFEFD6E2)
YUV	222.8430, 1.5564, 14.1697
Hunter-Lab	84.8144, 5.9903, 2.0690

Details

The RYB color **239, 214, 226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **214, 230, 239**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 255, 255, 255, and **183, 159, 171** is the 20% darker color. If you saturate the color by 10%, you get **239, 190, 214**, and if you desaturate by 10%, it is **239, 238, 238**.

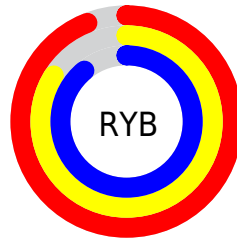
Distribution



Red (94%)

Green (84%)

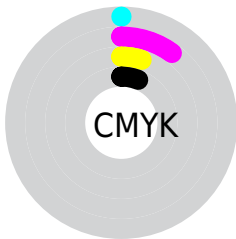
Blue (89%)



Red (94%)

Yellow (84%)

Blue (89%)

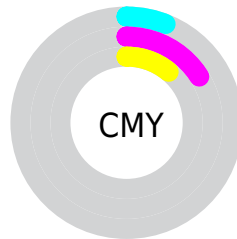


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 239, 214, 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 239, 214, 226 by changing the saturation by 10% instead.

 239, 214, 226


255, 255, 255

 239, 214, 226


 211, 186, 198

 183, 159, 171


 156, 133, 144

 130, 108, 119

 105, 84, 94

 80, 60, 70


 57, 38, 48

 35, 18, 27

 5, 0, 0

 239, 214, 226

 239, 214, 226

 239, 190, 214

 239, 238, 238

 239, 166, 201

 239, 248, 255

 239, 142, 189

 239, 247, 255

 239, 118, 176

 239, 94, 164

 239, 71, 151

 239, 47, 139

 239, 23, 127

 239, 0, 115

Harmonies

Analogous

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



229, 216, 235



239, 214, 226



243, 214, 215

Triad

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



239, 214, 226



201, 223, 200



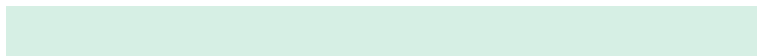
196, 213, 235

Complementary

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



239, 214, 226



214, 230, 239

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.



195, 211, 227



239, 214, 226



206, 225, 220

Square

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



239, 214, 226



230, 234, 200



201, 217, 226



204, 216, 240

Rectangle

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



239, 214, 226



243, 215, 209



201, 217, 226



195, 212, 232

Sweetspot

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



239, 214, 226



255, 247, 251



227, 214, 239



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

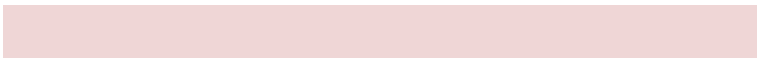
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239, 214, 226



255, 222, 238



239, 214, 214



120, 108, 114



184, 0, 88



56, 0, 27

Inverse Universe

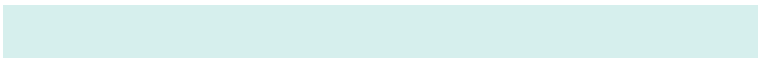
The Inverse Universe completely reimagines the original color for something new.



239, 214, 226



255, 222, 238



214, 227, 239



120, 108, 114



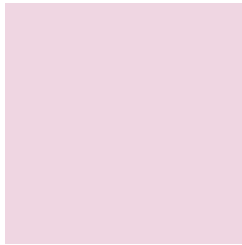
184, 0, 88



56, 0, 27

Previews

White Background



This preview shows how the RYB color 239, 214, 226 looks on a white background.

Color Contrast Check

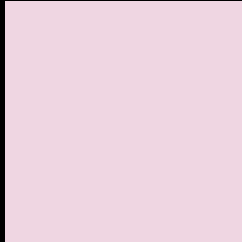
Large Text (above 18pt) WCAG AA × Fail

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 239, 214, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

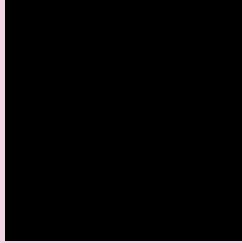
Any Text WCAG AA ✓ Pass

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 239, 214, 226 Background



This preview shows how black text looks on a background with the RYB color 239, 214, 226.



This preview shows how white text looks on a background with the RYB color 239, 214, 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](#).

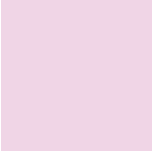
Dichromacy



Original Color
[239, 214, 226](#)

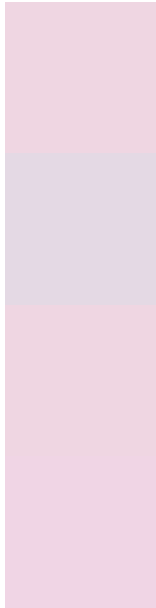
Protanopia
[222, 219, 229](#)

Deuteranopia
[239, 214, 226](#)



Tritanopia
240, 213, 230

Trichromacy



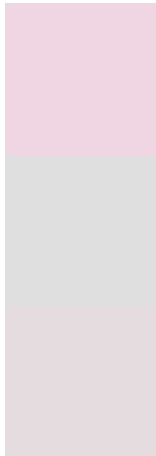
Original Color
239, 214, 226

Protanomaly
228, 217, 228

Deuteranomaly
239, 214, 226

Tritanomaly
240, 213, 229

Monochromacy



Original Color
239, 214, 226

Achromatopsia
223, 223, 223

Achromatomaly
229, 220, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 239, 214, 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(239, 214, 226) looks like.

```
.text, #text, p{  
    color:rgb(239, 214, 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(239, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 214, 226) }
```

Border

The CSS property to change the border of an element to RYB 239, 214, 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(239, 214, 226) }
```

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

```
.border{ border-color:rgb(239, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(239, 214,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 239, 214, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 214, 226) }
```

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

```
.background{ background-color: rgb(239,  
214, 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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