

Converting Colors

`RYB(249, 226, 225)`

Have a look what the booklet for
RYB(249, 226, 225) contains.

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Color

R_YB(249, 226, 225)

Conversions

Conversions Part 1

Format	Color
Hex	F9E2E1
RGB	249, 226, 225
RGB Percent	98%, 89%, 88%
CMY	0.0235, 0.1139, 0.1176
CMYK	0.00, 0.09, 0.10, 0.02
HSL	2°, 67%, 93%
HSV	2°, 10%, 98%
XYZ	79.8430, 79.9469, 82.4573
YIQ	232.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

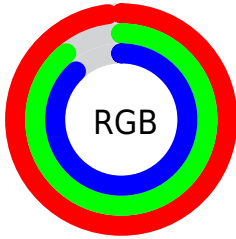
Format	Color
R _Y B	249, 226, 225
Decimal	16376545
CIE Lab	91.66, 7.72, 3.32
CIE LCh	92, 8.405, 23.286
Yxy	79.9469, 0.3296, 0.3300
Android (android.graphics.Color)	4294566625 (0xFFFF9E2E1)
YUV	232.7630, -3.8272, 14.2398
Hunter-Lab	89.4131, 2.9220, 7.9115

Details

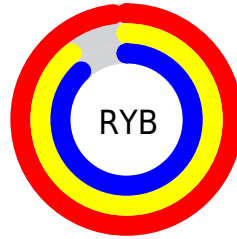
The RYB color **249, 226, 225** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **225, 237, 249**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **192, 171, 170** is the 20% darker color. If you saturate the color by 10%, you get **249, 202, 200**, and if you desaturate by 10%, it is 249, 250, 250.

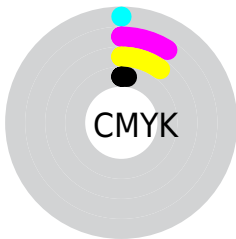
Distribution



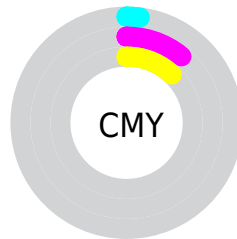
- Red (98%)
- Green (89%)
- Blue (88%)



- Red (98%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 226, 225 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 249, 226, 225 by changing the saturation by 10% instead.

 249, 226, 225

255, 255, 255

 249, 226, 225

 220, 198, 197

 192, 171, 170

 165, 144, 143

 139, 119, 118

 113, 94, 93

 89, 70, 70

 65, 48, 47

 42, 27, 27

 24, 0, 0

 249, 226, 225

 249, 226, 225

 249, 202, 200

 249, 250, 250

 249, 178, 175

 249, 252, 255

 249, 154, 150

 249, 130, 125

 249, 106, 101

 249, 83, 76

 249, 59, 51

 249, 35, 26

 249, 11, 1

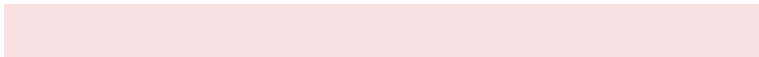
Harmonies

Analogous

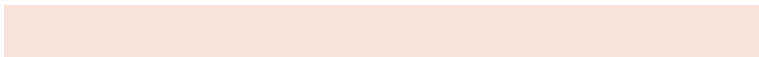
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 226, 233



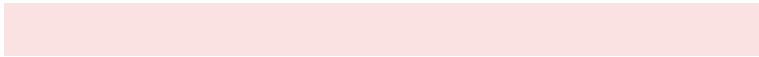
249, 226, 225



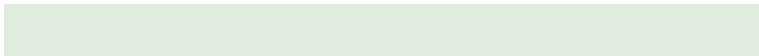
247, 231, 218

Triad

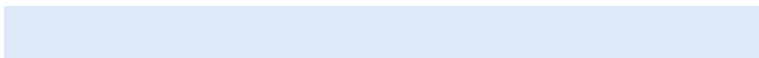
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 226, 225



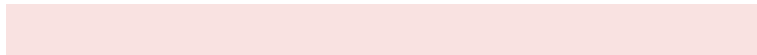
221, 235, 234



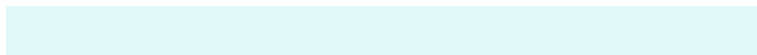
221, 229, 247

Complementary

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



249, 226, 225



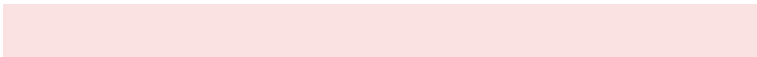
225, 237, 249

Split Complementary

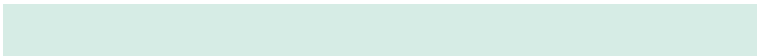
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214, 226, 244



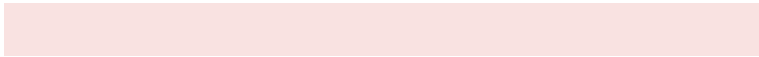
249, 226, 225



214, 227, 236

Square

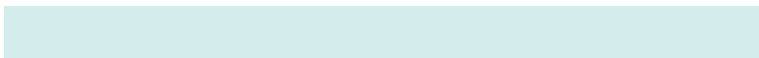
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 226, 225



216, 233, 218



211, 224, 237



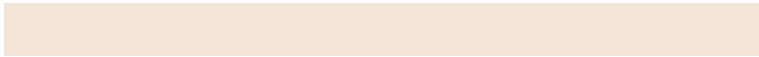
231, 230, 246

Rectangle

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



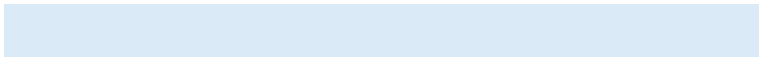
249, 226, 225



243, 241, 216



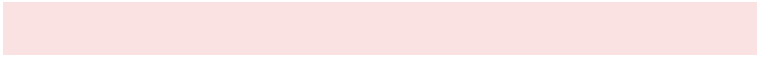
211, 224, 237



218, 228, 246

Sweetspot

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



249, 226, 225



255, 248, 247



249, 225, 248



128, 123, 122



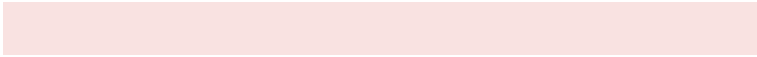
0, 0, 0



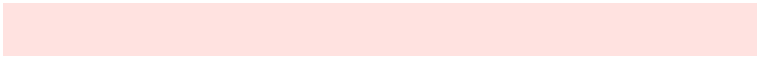
128, 128, 128

Same Dimension

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



249, 226, 225



255, 226, 224



245, 249, 225



125, 113, 112



189, 8, 0



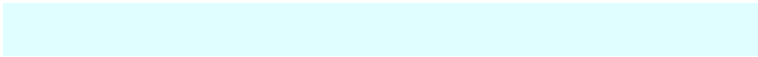
61, 2, 0

Inverse Universe

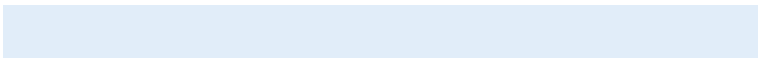
The Inverse Universe completely reimagines the original color for something new.



225, 237, 249



224, 239, 255



225, 233, 249



112, 118, 125



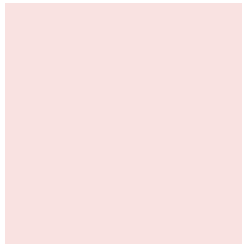
0, 92, 189



0, 30, 61

Previews

White Background



This preview shows how the RYB color 249, 226, 225 looks on a white background.

Color Contrast Check

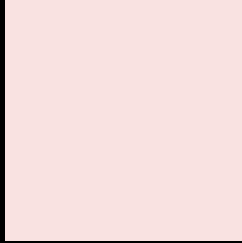
Large Text (above 18pt) WCAG AA × Fail

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 249, 226, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

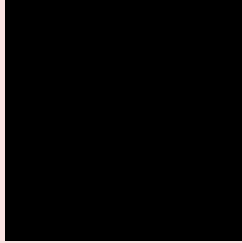
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

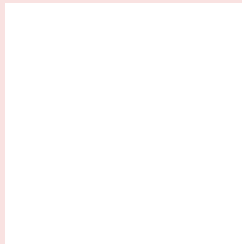
Any Text WCAG AAA ✓ Pass

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

R Y B 249, 226, 225 Background



This preview shows how black text looks on a background with the R Y B color 249, 226, 225.

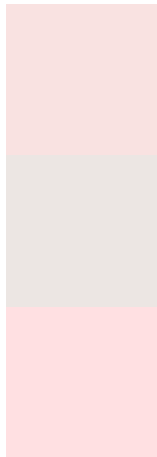


This preview shows how white text looks on a background with the R Y B color 249, 226, 225.

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
[249](#), [226](#), [225](#)

Protanopia
[236](#), [232](#), [227](#)

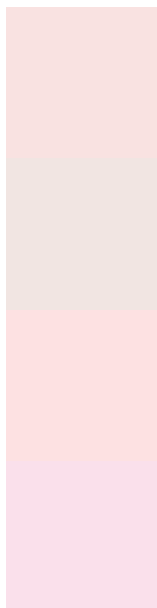
Deuteranopia
[255](#), [224](#), [226](#)



Tritanopia

251, 223, 241

Trichromacy



Original Color

249, 226, 225

Protanomaly

241, 230, 226

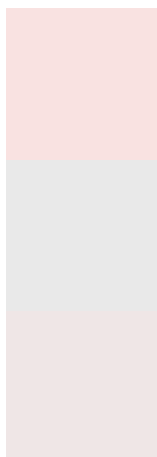
Deuteranomaly

253, 225, 226

Tritanomaly

250, 224, 235

Monochromacy



Original Color

249, 226, 225

Achromatopsia

233, 233, 233

Achromatomaly

239, 230, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 226, 225 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(249, 226, 225) looks like.

```
.text, #text, p{  
    color:rgb(249, 226, 225)  
}
```

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(249, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 226, 225) }
```

Border

The CSS property to change the border of an element to RYB 249, 226, 225 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(249, 226, 225) }
```

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

```
.border{ border-color:rgb(249, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(249, 226,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 249, 226, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 226, 225) }
```

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

```
.background{ background-color: rgb(249,  
226, 225) }
```

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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