

Converting Colors

`RYB(241, 224, 219)`

Have a look what the booklet for
RYB(241, 224, 219) contains.

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Color

RYB(241, 224, 219)

Conversions

Conversions Part 1

Format	Color
Hex	F1DFDB
RGB	241, 223, 219
RGB Percent	95%, 87%, 86%
CMY	0.0549, 0.1252, 0.1412
CMYK	0.00, 0.07, 0.09, 0.05
HSL	11°, 44%, 90%
HSV	11°, 9%, 95%
XYZ	75.4693, 76.6302, 77.8313
YIQ	227.9260, 12.0120, 2.5720

Conversions

Conversions Part 2

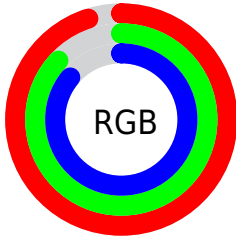
Format	Color
R _Y B	241, 224, 219
Decimal	15851483
CIE Lab	90.15, 5.45, 4.19
CIE LCh	90, 6.878, 37.573
Yxy	76.6302, 0.3282, 0.3333
Android (android.graphics.Color)	4294041563 (0xFFFF1DFDB)
YUV	227.9260, -4.4005, 11.4659
Hunter-Lab	87.5387, 0.6966, 8.5619

Details

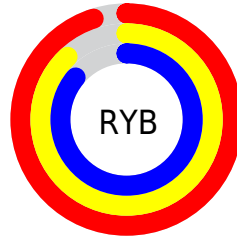
The RYB color **241, 224, 219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 229, 241**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **185, 169, 164** is the 20% darker color. If you saturate the color by 10%, you get **241, 205, 195**, and if you desaturate by 10%, it is **241, 242, 243**.

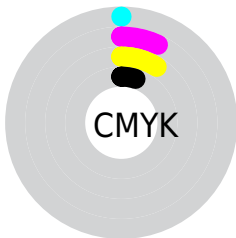
Distribution



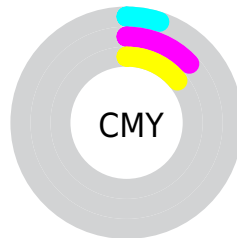
- Red (95%)
- Green (87%)
- Blue (86%)



- Red (95%)
- Yellow (88%)
- Blue (86%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 224, 219 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 241, 224, 219 by changing the saturation by 10% instead.

 241, 224, 219


255, 255, 255

 241, 224, 219

 213, 196, 191

 185, 169, 164

 158, 143, 138

 132, 117, 112

 106, 92, 88

 82, 69, 65


 59, 47, 43


 37, 26, 22


 14, 0, 0


 241, 224, 219


 241, 224, 219


 241, 205, 195


 241, 242, 243


 241, 187, 171

 241, 248, 255

 241, 168, 147

 241, 150, 123

 241, 131, 98

 241, 112, 74

 241, 94, 50

 241, 75, 26

 241, 56, 2

Harmonies

Analogous

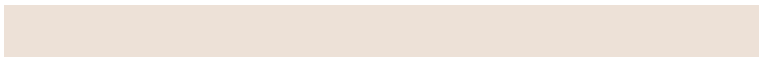
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 222, 225



241, 224, 219



237, 233, 215

Triad

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



241, 224, 219



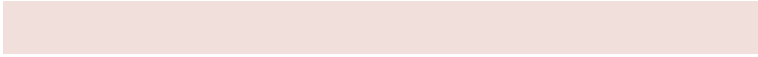
216, 226, 230



222, 226, 240

Complementary

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



241, 224, 219



219, 229, 241

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.



215, 224, 239



241, 224, 219



212, 222, 231

Square

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



241, 224, 219



216, 229, 222



211, 222, 235



230, 225, 237

Rectangle

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



241, 224, 219



225, 233, 214



211, 222, 235



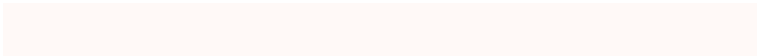
220, 225, 240

Sweetspot

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



241, 224, 219



255, 250, 247



241, 219, 237



128, 123, 122



0, 0, 0



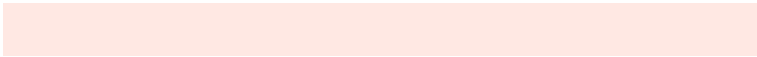
128, 128, 128

Same Dimension

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



241, 224, 219



255, 233, 227



229, 241, 219



120, 110, 108



184, 42, 0



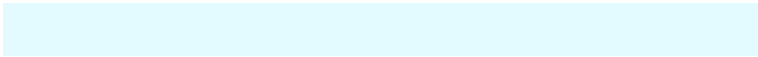
56, 12, 0

Inverse Universe

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



219, 229, 241



227, 240, 255



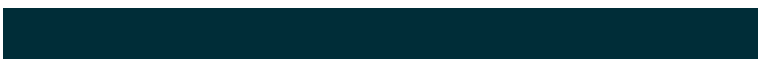
219, 224, 241



108, 113, 120



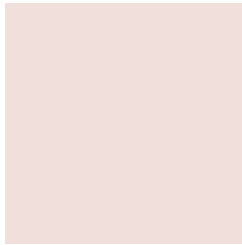
0, 83, 184



0, 25, 56

Previews

White Background



This preview shows how the RYB color 241, 224, 219 looks on a white background.

Color Contrast Check

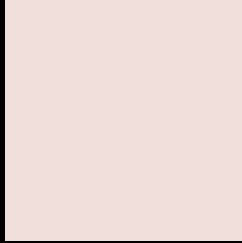
Large Text (above 18pt) WCAG AA × Fail

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 241, 224, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

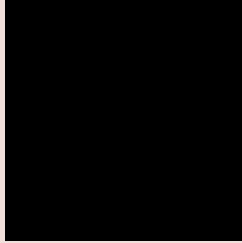
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

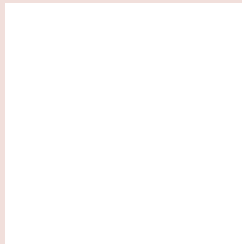
Any Text WCAG AAA ✓ Pass

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

RYP 241, 224, 219 Background



This preview shows how black text looks on a background with the RYP color 241, 224, 219.

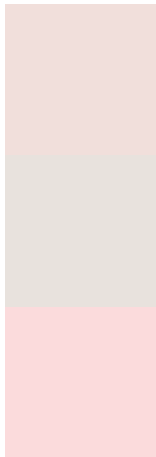


This preview shows how white text looks on a background with the RYP color 241, 224, 219.

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
241, 224, 219

Protanopia
232, 230, 221

Deuteranopia
251, 219, 220



Tritanopia
244, 220, 238

Trichromacy



Original Color

241, 224, 219

Protanomaly

235, 228, 220

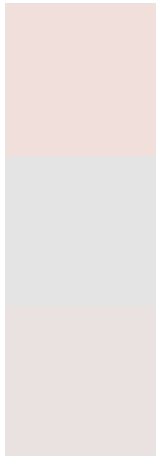
Deuteranomaly

247, 220, 220

Tritanomaly

243, 221, 231

Monochromacy



Original Color

241, 224, 219

Achromatopsia

228, 228, 228

Achromatomaly

233, 226, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 224, 219 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(241, 223, 219) looks like.

```
.text, #text, p{  
    color:rgb(241, 223, 219)  
}
```

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(241, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 223, 219) }
```

Border

The CSS property to change the border of an element to RYB 241, 224, 219 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(241, 223, 219) }
```

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

```
.border{ border-color:rgb(241, 223, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(241, 223,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 241, 224, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 223, 219) }
```

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

```
.background{ background-color: rgb(241,  
223, 219) }
```

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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