

Converting Colors

`RYB(223, 242, 241)`

Have a look what the booklet for RYB(223, 242, 241) contains.

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Color

RYB(223, 242, 241)

Conversions

Conversions Part 1

Format	Color
Hex	E0F2DF
RGB	224, 242, 223
RGB Percent	88%, 95%, 87%
CMY	0.1216, 0.0510, 0.1255
CMYK	0.07, 0.00, 0.08, 0.05
HSL	117°, 42%, 91%
HSV	117°, 8%, 95%
XYZ	75.8119, 84.6793, 82.1611
YIQ	234.4520, -4.6290, -9.7250

Conversions

Conversions Part 2

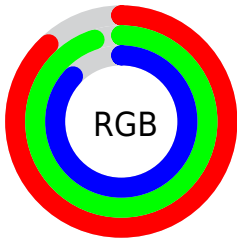
Format	Color
R_{YB}	223, 242, 241
Decimal	14742239
CIE Lab	93.74, -9.34, 7.13
CIE LCh	94, 11.752, 142.623
Yxy	84.6793, 0.3124, 0.3490
Android (android.graphics.Color)	4292932319 (0xFFE0F2DF)
YUV	234.4520, -5.6458, -9.1664
Hunter-Lab	92.0213, -13.9799, 11.4780

Details

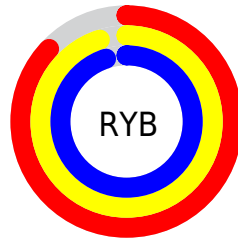
The RYB color **223, 242, 241** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **241, 223, 242**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 186, 185** is the 20% darker color. If you saturate the color by 10%, you get **199, 242, 240**, and if you desaturate by 10%, it is **247, 242, 247**.

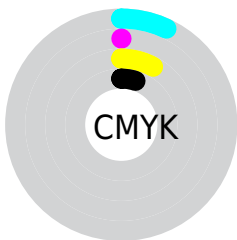
Distribution



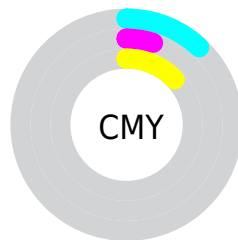
- Red (88%)
- Green (95%)
- Blue (87%)



- Red (87%)
- Yellow (95%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 242, 241 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 223, 242, 241 by changing the saturation by 10% instead.

■ 223, 242, 241

255, 255, 255

■ 223, 242, 241

■ 195, 214, 213

■ 168, 186, 185

■ 141, 159, 158

■ 116, 133, 132

■ 91, 108, 107

■ 68, 83, 83

■ 46, 60, 60

■ 25, 38, 38

■ 0, 18, 18

 223, 242, 241

 223, 242, 241

 199, 242, 240

 247, 242, 247

 175, 242, 239

 255, 242, 255

 150, 242, 237

 126, 242, 236

 102, 242, 235

 78, 242, 234

 54, 242, 232

 29, 242, 230

 5, 242, 229

Harmonies

Analogous

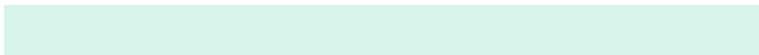
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216, 239, 218



223, 242, 241



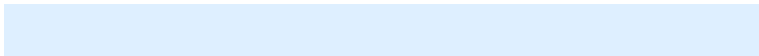
214, 232, 244

Triad

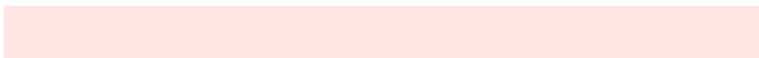
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223, 242, 241



222, 233, 255



255, 230, 229

Complementary

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



223, 242, 241



241, 223, 242

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.



255, 230, 240



223, 242, 241



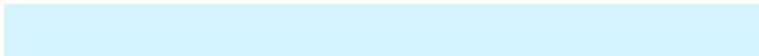
236, 235, 255

Square

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



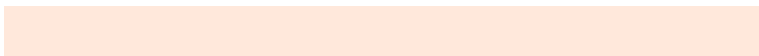
223, 242, 241



212, 230, 255



249, 232, 251



255, 239, 219

Rectangle

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



223, 242, 241



210, 228, 244



249, 232, 251



255, 229, 232

Sweetspot

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



223, 242, 241



250, 255, 255



224, 242, 223



125, 128, 128



0, 0, 0



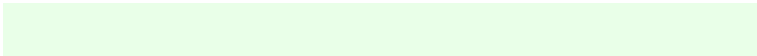
128, 128, 128

Same Dimension

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



223, 242, 241



232, 255, 254



223, 236, 242



108, 120, 120



0, 184, 174



0, 56, 53

Inverse Universe

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



241, 223, 242



254, 232, 255



242, 223, 234



119, 108, 120



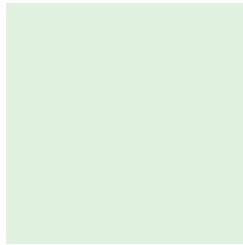
174, 0, 184



53, 0, 56

Previews

White Background



This preview shows how the RYB color 223, 242, 241 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 223, 242, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

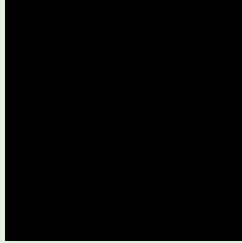
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

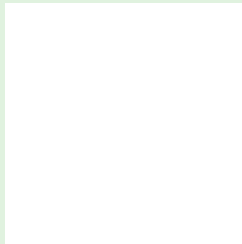
Any Text WCAG AAA ✓ Pass

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

RYB 223, 242, 241 Background



This preview shows how black text looks on a background with the RYB color 223, 242, 241.



This preview shows how white text looks on a background with the RYB color 223, 242, 241.

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

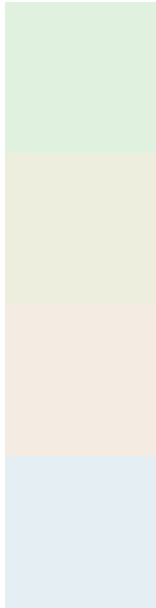




Tritanopia

230, 235, 255

Trichromacy



Original Color

223, 242, 241

Protanomaly

221, 238, 222

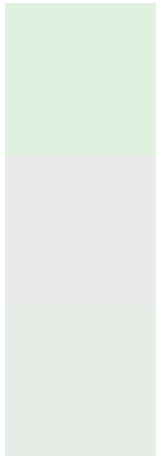
Deuteranomaly

242, 244, 227

Tritanomaly

228, 234, 243

Monochromacy



Original Color

223, 242, 241

Achromatopsia

234, 234, 234

Achromatomaly

230, 237, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 242, 241 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(224, 242, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 242, 223)  
}
```

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(224, 242, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 242, 223) }
```

Border

The CSS property to change the border of an element to RYB 223, 242, 241 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(224, 242, 223) }
```

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

```
.border{ border-color:rgb(224, 242, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 242, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 242, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 242, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 242,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 223, 242, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 242, 223) }
```

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

```
.background{ background-color: rgb(224,  
242, 223) }
```

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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