

Converting Colors

`RYB(241, 255, 241)`

Have a look what the booklet for
RYB(241, 255, 241) contains.

RYB(241, 255, 241)	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(241, 255, 241)

Conversions

Conversions Part 1

Format	Color
Hex	FFFFFF1
RGB	255, 255, 241
RGB Percent	100%, 100%, 95%
CMY	0.0000, 0.0000, 0.0549
CMYK	0.00, 0.00, 0.05, 0.00
HSL	60°, 100%, 97%
HSV	60°, 5%, 100%
XYZ	92.8772, 99.1309, 97.4581
YIQ	253.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

Format	Color
R_{YB}	241, 255, 241
Decimal	16777201
CIE _{Lab}	99.66, -2.38, 6.67
CIE _{LCh}	100, 7.086, 109.637
Yxy	99.1309, 0.3209, 0.3425
Android (android.graphics.Color)	4294967281 (0xFFFFFFFF1)
YUV	253.4040, -6.1152, 1.3997
Hunter-Lab	99.5645, -7.7269, 11.6595

Details

The RYB color 241, 255, 241 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 241, 241, 255, and the grayscale version is 253, 253, 253.

A 20% lighter version of the original color is 255, 255, 255, and 185, 198, 185 is the 20% darker color. If you saturate the color by 10%, you get 216, 255, 216, and if you desaturate by 10%, it is 255, 255, 255.

Distribution



- Red (100%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 255, 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 241, 255, 241 by changing the saturation by 10% instead.

 241, 255, 241

255, 255, 255

 241, 255, 241

 213, 226, 213


 185, 198, 185

 158, 171, 158

 132, 145, 133

 107, 119, 107


 83, 94, 83

 60, 71, 61

 38, 48, 38

 17, 27, 17

 241, 255, 241

 241, 255, 241

 216, 255, 216

255, 255, 255

 190, 255, 190

 164, 255, 164

 139, 255, 139

 114, 255, 114

 88, 255, 88

 62, 255, 62

 37, 255, 37

 11, 255, 11

Harmonies

Analogous

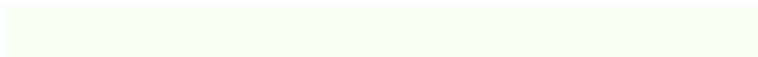
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 255, 241



241, 255, 241



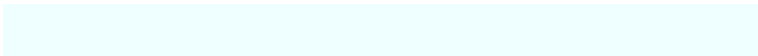
245, 255, 253

Triad

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



241, 255, 241



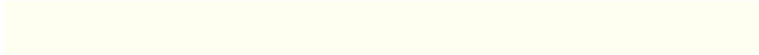
239, 247, 255



255, 250, 255

Complementary

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



241, 255, 241



241, 241, 255

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, 251, 255



241, 255, 241



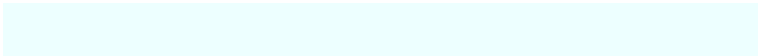
245, 250, 255

Square

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



241, 255, 241



237, 246, 255



253, 253, 255



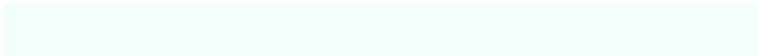
255, 250, 250

Rectangle

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



241, 255, 241



242, 250, 255



253, 253, 255



255, 250, 255

Sweetspot

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



241, 255, 241



250, 255, 250



255, 241, 241



125, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



241, 255, 241



237, 255, 237



241, 255, 248



117, 128, 117



0, 191, 0



0, 64, 0

Inverse Universe

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



241, 241, 255



237, 237, 255



248, 241, 255



117, 117, 128



0, 0, 191



0, 0, 64

Previews

White Background



This preview shows how the RYB color 241, 255, 241 looks on a white background.

Color Contrast Check

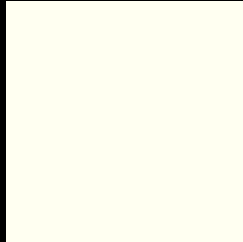
Large Text (above 18pt) WCAG AA × Fail

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 241, 255, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

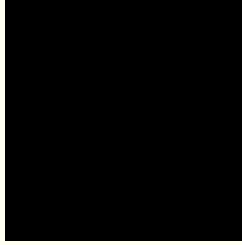
Any Text WCAG AA ✓ Pass

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 241, 255, 241 Background



This preview shows how black text looks on a background with the RYB color 241, 255, 241.



This preview shows how white text looks on a background with the RYB color 241, 255, 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



Original Color
[241, 255, 241](#)

Protanopia
[254, 255, 252](#)

Deuteranopia
[255, 254, 254](#)

Tritanopia

254, 254, 255

Trichromacy



Original Color

241, 255, 241

Protanomaly

249, 255, 248

Deuteranomaly

250, 255, 249

Tritanomaly

250, 254, 250

Monochromacy



Original Color

241, 255, 241



Achromatopsia

253, 253, 253

Achromatomaly

249, 254, 249

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 255, 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(255, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 241)  
}
```

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(255, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 241) }
```

Border

The CSS property to change the border of an element to RYB 241, 255, 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(255, 255, 241) }
```

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

```
.border{ border-color:rgb(255, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 241, 255, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 241) }
```

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

```
.background{ background-color: rgb(255,  
255, 241) }
```

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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