

Converting Colors

`RYB(252, 252, 252)`

Have a look what the booklet for
RYB(252, 252, 252) contains.

RYB(252, 252, 252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	13
<i>Color Blindness Simulation</i>	16
<i>CSS Examples</i>	19

Color

R_YB(252, 252, 252)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCFC
RGB	252, 252, 252
RGB Percent	99%, 99%, 99%
CMY	0.0118, 0.0118, 0.0118
CMYK	0.00, 0.00, 0.00, 0.01
HSL	0°, 0%, 99%
HSV	0°, 0%, 99%
XYZ	92.5260, 97.3445, 106.0082
YIQ	252.0000, 0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
R _Y B	252, 252, 252
Decimal	16579836
CIE Lab	98.96, 0.01, -0.01
CIE LCh	99, 0.012, 296.813
Yxy	97.3445, 0.3127, 0.3290
Android (android.graphics.Color)	4294769916 (0xFFFCFCFC)
YUV	252.0000, 0.0000, 0.0000
Hunter-Lab	98.6633, -5.2644, 5.3606

Details

The RYB color 252, 252, 252 is a light color, and the **websafe** version is hex FFFFFFFF. A complement of this color would be 252, 252, 252, and the grayscale version is 252, 252, 252.

A 20% lighter version of the original color is 255, 255, 255, and 195, 195, 195 is the 20% darker color. If you saturate the color by 10%, you get 252, 227, 227, and if you desaturate by 10%, it is 252, 254, 255.

Distribution



- Red (99%)
- Green (99%)
- Blue (99%)



- Red (99%)
- Yellow (99%)
- Blue (99%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 252, 252 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 252, 252, 252 by changing the saturation by 10% instead.

 252, 252, 252

255, 255, 255

 252, 252, 252

 223, 223, 223

 195, 195, 195

 168, 168, 168

 142, 142, 142

 116, 116, 116

 92, 92, 92

 68, 68, 68

 46, 46, 46


 25, 25, 25


 252, 252, 252

 252, 227, 227

 252, 202, 202

 252, 176, 176

 252, 151, 151

 252, 126, 126

 252, 252, 252

 252, 254, 255

■ 252, 101, 101

■ 252, 76, 76

■ 252, 50, 50

■ 252, 25, 25

Harmonies

Sweetspot

The sweet spot groups the original color and five complimentary colors.



252, 252, 252

255, 255, 255



128, 128, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 252, 252, 252 looks on a white background.

Color Contrast Check

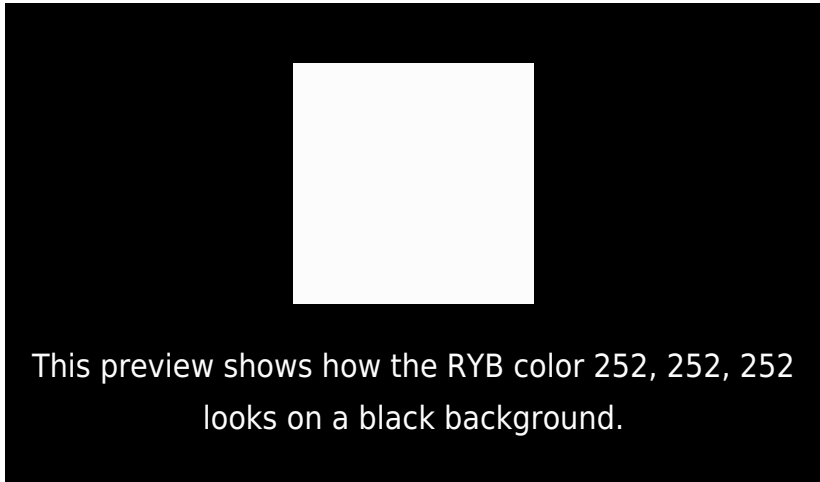
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

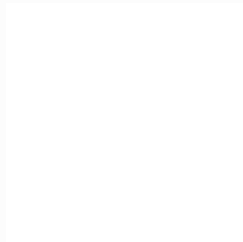
Any Text WCAG AAA ✓ Pass

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

RYB 252, 252, 252 Background



This preview shows how black text looks on a background with the RYB color 252, 252, 252.



This preview shows how white text looks on a background with the RYB color 252, 252, 252.

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
252, 252, 252

Protanopia
255, 251, 251

Deuteranopia
255, 251, 252

Tritanopia

252, 252, 255

Trichromacy

Original Color

252, 252, 252

Protanomaly

254, 251, 251

Deuteranomaly

254, 251, 252

Tritanomaly

252, 252, 254

Monochromacy

Original Color

252, 252, 252

Achromatopsia

252, 252, 252

Achromatomaly

252, 252, 252

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 252, 252 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(252, 252, 252) looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 252)  
}
```

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(252, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 252) }
```

Border

The CSS property to change the border of an element to RYB 252, 252, 252 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(252, 252, 252) }
```

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

```
.border{ border-color:rgb(252, 252, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 252, 252, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 252) }
```

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

```
.background{ background-color: rgb(252,  
252, 252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor