

Converting Colors

`RYB(223, 223, 223)`

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

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Color

$\text{RYB}(223, 223, 223)$

Conversions

Conversions Part 1

Format	Color
Hex	DFDFDF
RGB	223, 223, 223
RGB Percent	87%, 87%, 87%
CMY	0.1255, 0.1255, 0.1255
CMYK	0.00, 0.00, 0.00, 0.13
HSL	0°, 0%, 87%
HSV	0°, 0%, 87%
XYZ	70.1384, 73.7910, 80.3584
YIQ	223.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
R _Y B	223, 223, 223
Decimal	14671839
CIE Lab	88.82, 0.00, -0.01
CIE LCh	89, 0.011, 296.813
Yxy	73.7910, 0.3127, 0.3290
Android (android.graphics.Color)	4292861919 (0xFFDFDFDF)
YUV	223.0000, 0.0000, 0.0000
Hunter-Lab	85.9017, -4.5835, 4.6672

Details

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

A 20% lighter version of the original color is **255, 255, 255**, and **168, 168, 168** is the 20% darker color. If you saturate the color by 10%, you get **223, 201, 201**, and if you desaturate by 10%, it is **223, 234, 245**.

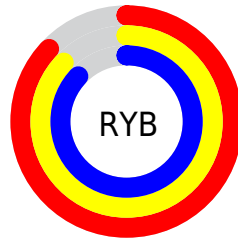
Distribution



Red (87%)

Green (87%)

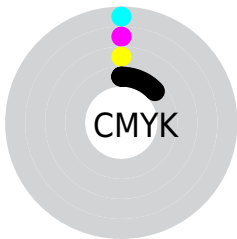
Blue (87%)



Red (87%)

Yellow (87%)

Blue (87%)

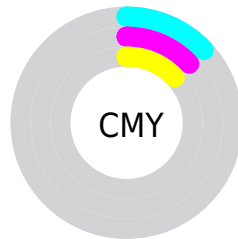


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

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

 223, 223, 223


 252, 252, 252

255, 255, 255

 223, 223, 223

 195, 195, 195

 168, 168, 168

 141, 141, 141

 116, 116, 116

 91, 91, 91

 68, 68, 68

 46, 46, 46

 25, 25, 25


 0, 0, 0

 223, 223, 223

 223, 201, 201

 223, 178, 178

 223, 156, 156

 223, 134, 134

 223, 112, 112

 223, 223, 223

 223, 234, 245

 223, 239, 255

■ 223, 89, 89

■ 223, 67, 67

■ 223, 45, 45

■ 223, 22, 22

Harmonies

Sweetspot

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



223, 223, 223

255, 255, 255



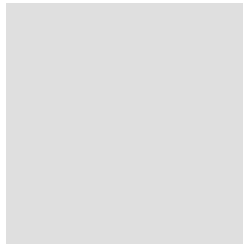
128, 128, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 223, 223, 223 looks on a white background.

Color Contrast Check

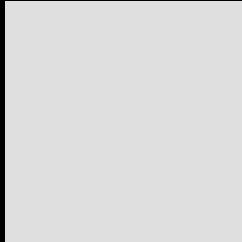
Large Text (above 18pt) WCAG AA × Fail

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, 223, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

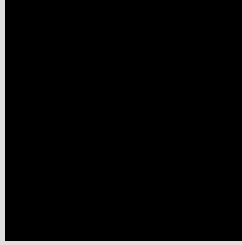
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

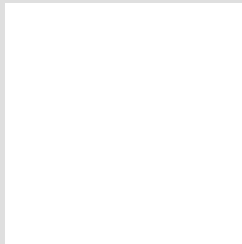
Any Text WCAG AAA ✓ Pass

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

RYB 223, 223, 223 Background



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

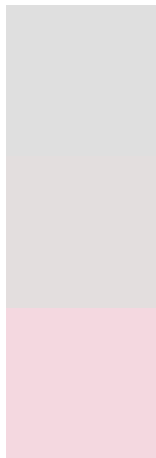


This preview shows how white text looks on a background with the RYB color 223, 223, 223.

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
223, 223, 223

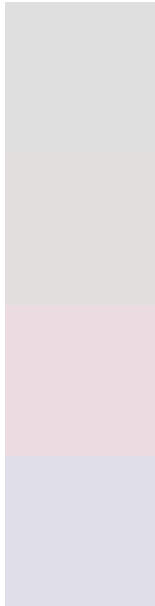
Protanopia
227, 222, 222

Deuteranopia
244, 216, 224



Tritanopia
225, 221, 238

Trichromacy



Original Color

223, 223, 223

Protanomaly

226, 222, 222

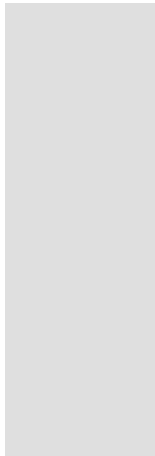
Deuteranomaly

236, 219, 224

Tritanomaly

224, 222, 233

Monochromacy



Original Color

223, 223, 223

Achromatopsia

223, 223, 223

Achromatomaly

223, 223, 223

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(223, 223, 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(223, 223, 223) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

```
.background{ background-color: rgb(223,  
223, 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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