

Converting Colors

`RYB(226, 223, 223)`

Have a look what the booklet for
RYB(226, 223, 223) contains.

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Color

$\text{RYB}(226, 223, 223)$

Conversions

Conversions Part 1

Format	Color
Hex	E2DFDF
RGB	226, 223, 223
RGB Percent	89%, 87%, 87%
CMY	0.1137, 0.1255, 0.1255
CMYK	0.00, 0.01, 0.01, 0.11
HSL	0°, 5%, 88%
HSV	0°, 1%, 89%
XYZ	71.0710, 74.2718, 80.4021
YIQ	223.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

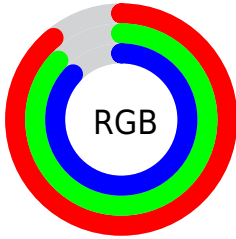
Format	Color
R _Y B	226, 223, 223
Decimal	14868447
CIE Lab	89.05, 1.02, 0.35
CIE LCh	89, 1.078, 18.926
Yxy	74.2718, 0.3148, 0.3290
Android (android.graphics.Color)	4293058527 (0xFFE2DFDF)
YUV	223.8970, -0.4422, 1.8443
Hunter-Lab	86.1811, -3.6133, 5.0126

Details

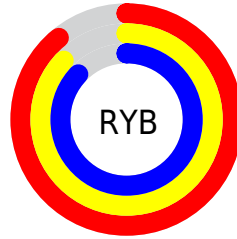
The RYB color **226, 223, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **223, 225, 226**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 168, 168** is the 20% darker color. If you saturate the color by 10%, you get **226, 200, 200**, and if you desaturate by 10%, it is **226, 236, 246**.

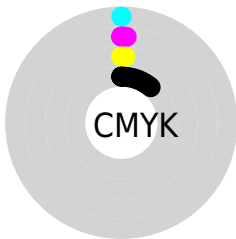
Distribution



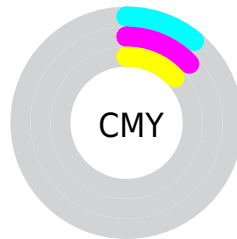
- Red (89%)
- Green (87%)
- Blue (87%)



- Red (89%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 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 226, 223, 223 by changing the saturation by 10% instead.

■ 226, 223, 223

255, 255, 255

■ 226, 223, 223

■ 198, 195, 195

■ 171, 168, 168

■ 144, 141, 141

■ 119, 116, 116

■ 94, 91, 91

■ 70, 68, 68

■ 48, 46, 46

■ 27, 25, 25


■ 0, 0, 0

 226, 223, 223

 226, 223, 223


 226, 200, 200

 226, 236, 246

 226, 178, 178

 226, 241, 255

 226, 155, 155

 226, 133, 133

 226, 110, 110

 226, 87, 87

 226, 65, 65

 226, 42, 42

 226, 20, 20

Harmonies

Analogous

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



226, 223, 224



226, 223, 223



226, 223, 222

Triad

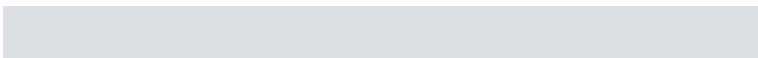
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 223, 223



222, 224, 223



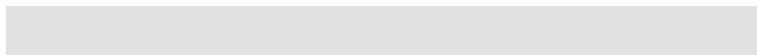
222, 223, 226

Complementary

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



226, 223, 223



223, 225, 226

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.



221, 223, 225



226, 223, 223



222, 223, 224

Square

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



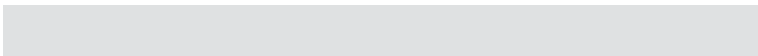
226, 223, 223



222, 224, 222



221, 223, 224



223, 224, 226

Rectangle

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



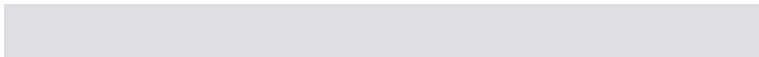
226, 223, 223



225, 224, 222



221, 223, 224



222, 223, 226

Sweetspot

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



226, 223, 223

255, 255, 255



226, 223, 226



128, 128, 128



0, 0, 0

Same Dimension

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



226, 223, 223



255, 250, 250



225, 226, 223



112, 110, 110



176, 0, 0



48, 0, 0

Inverse Universe

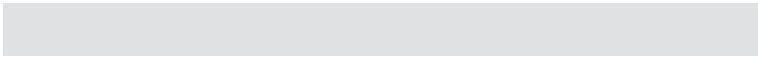
The Inverse Universe completely reimagines the original color for something new.



223, 225, 226



250, 253, 255



223, 224, 226



110, 111, 112



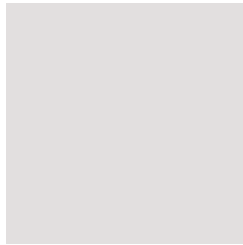
0, 88, 176



0, 24, 48

Previews

White Background



This preview shows how the RYB color 226, 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 226, 223, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

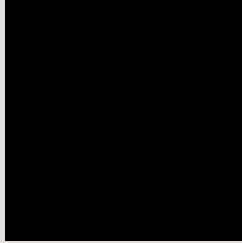
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

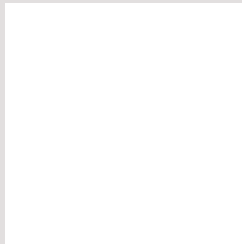
Any Text WCAG AAA ✓ Pass

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

RYB 226, 223, 223 Background



This preview shows how black text looks on a background with the RYB color 226, 223, 223.

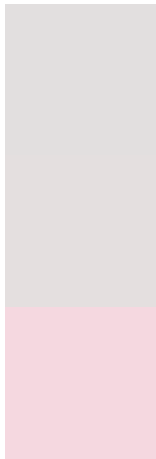


This preview shows how white text looks on a background with the RYB color 226, 223, 223.

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
226, 223, 223

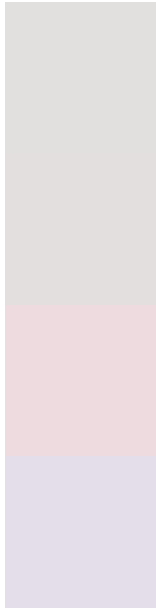
Protanopia
228, 223, 223

Deuteranopia
245, 216, 224



Tritanopia
228, 221, 238

Trichromacy



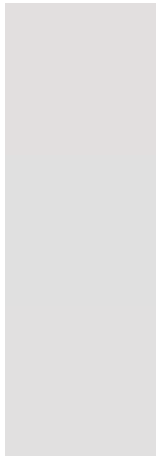
Original Color
226, 223, 223

Protanomaly
227, 223, 223

Deuteranomaly
238, 219, 224

Tritanomaly
227, 222, 233

Monochromacy



Original Color
226, 223, 223

Achromatopsia
224, 224, 224

Achromatomaly
225, 224, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 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(226, 223, 223) looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 223) }
```

Border

The CSS property to change the border of an element to RYB 226, 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(226, 223, 223) }
```

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

```
.border{ border-color:rgb(226, 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(226, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 223,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 226, 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(226, 223, 223) }
```

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

```
.background{ background-color: rgb(226,  
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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