

Converting Colors

`RYB(178, 175, 175)`

Have a look what the booklet for
RYB(178, 175, 175) contains.

RYB(178, 175, 175)	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

$\text{RYB}(178, 175, 175)$

Conversions

Conversions Part 1

Format	Color
Hex	B2AFAF
RGB	178, 175, 175
RGB Percent	70%, 69%, 69%
CMY	0.3020, 0.3137, 0.3137
CMYK	0.00, 0.02, 0.02, 0.30
HSL	0°, 2%, 69%
HSV	0°, 2%, 70%
XYZ	41.4279, 43.2201, 46.7163
YIQ	175.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

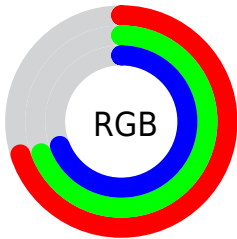
Format	Color
RYB	178, 175, 175
Decimal	11710383
CIELab	71.70, 1.07, 0.37
CIElCh	72, 1.128, 19.058
Yxy	43.2201, 0.3154, 0.3290
Android (android.graphics.Color)	4289900463 (0xFFB2AFAF)
YUV	175.8970, -0.4422, 1.8443
Hunter-Lab	65.7420, -2.5650, 3.8879

Details

The RYB color **178, 175, 175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175, 177, 178**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **234, 230, 230**, and **125, 123, 123** is the 20% darker color. If you saturate the color by 10%, you get **178, 157, 157**, and if you desaturate by 10%, it is **178, 186, 193**.

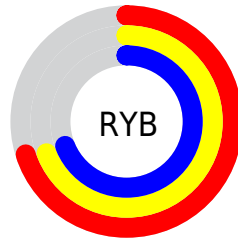
Distribution



Red (70%)

Green (69%)

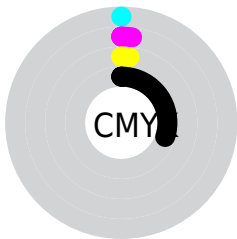
Blue (69%)



Red (70%)

Yellow (69%)

Blue (69%)

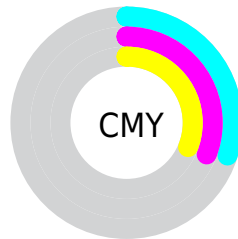


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 175, 175 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 178, 175, 175 by changing the saturation by 10% instead.

■ 178, 175, 175

255, 255, 255

■ 234, 230, 230

■ 178, 175, 175

■ 151, 148, 148

■ 125, 123, 123

■ 100, 98, 98

■ 77, 74, 74

■ 54, 51, 51

■ 33, 30, 30

■ 9, 5, 5


■ 0, 0, 0

■ 178, 175, 175

■ 178, 175, 175

 178, 157, 157

 178, 186, 193

 178, 139, 139

 178, 195, 211

 178, 122, 122

 178, 203, 228

 178, 104, 104

 178, 212, 246

 178, 86, 86

 178, 217, 255

 178, 68, 68

 178, 50, 50

 178, 33, 33

 178, 15, 15

Harmonies

Analogous

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



178, 175, 176



178, 175, 175



178, 175, 174

Triad

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



178, 175, 175



174, 176, 175



174, 175, 178

Complementary

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



178, 175, 175



175, 177, 178

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.



173, 175, 177



178, 175, 175



174, 175, 176

Square

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



178, 175, 175



174, 176, 174



173, 175, 176



175, 176, 178

Rectangle

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



178, 175, 175



177, 176, 174



173, 175, 176



174, 175, 178

Sweetspot

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



178, 175, 175



232, 230, 230



178, 175, 178



117, 116, 116



245, 245, 245



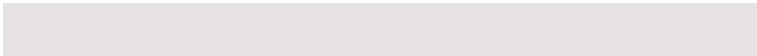
117, 117, 117

Same Dimension

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



178, 175, 175



232, 227, 227



177, 178, 175



89, 87, 87



153, 0, 0



26, 0, 0

Inverse Universe

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



175, 177, 178



227, 230, 232



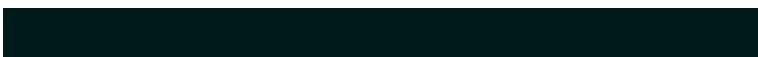
175, 176, 178



87, 88, 89



0, 77, 153



0, 13, 26

Previews

White Background



This preview shows how the RYB color 178, 175, 175 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 178, 175, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

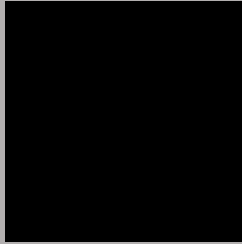
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

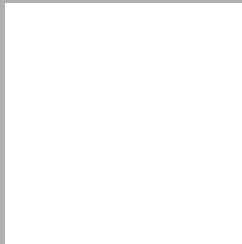
Any Text WCAG AAA ✓ Pass

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

R_YB 178, 175, 175 Background



This preview shows how black text looks on a background with the R_YB color 178, 175, 175.

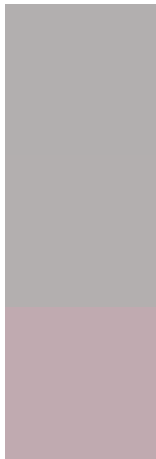


This preview shows how white text looks on a background with the R_YB color 178, 175, 175.

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
178, 175, 175

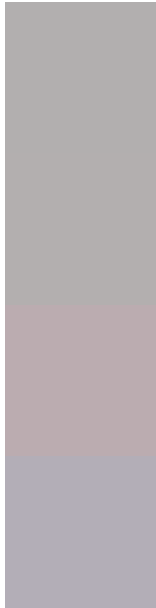
Protanopia
179, 175, 175

Deuteranopia
192, 170, 176



Tritanopia
180, 173, 187

Trichromacy



Original Color

178, 175, 175

Protanomaly

179, 175, 175

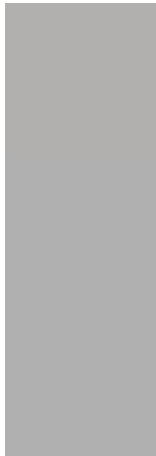
Deuteranomaly

187, 172, 176

Tritanomaly

179, 174, 183

Monochromacy



Original Color

178, 175, 175

Achromatopsia

176, 176, 176

Achromatomaly

177, 176, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 175, 175 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(178, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(178, 175, 175)  
}
```

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(178, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 175, 175) }
```

Border

The CSS property to change the border of an element to RYB 178, 175, 175 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(178, 175, 175) }
```

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

```
.border{ border-color:rgb(178, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(178, 175,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 178, 175, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 175, 175) }
```

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

```
.background{ background-color: rgb(178,  
175, 175) }
```

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