

Converting Colors

`RYB(173, 173, 173)`

Have a look what the booklet for
RYB(173, 173, 173) contains.

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Color

`RYB(173, 173, 173)`

Conversions

Conversions Part 1

Format	Color
Hex	ADADAD
RGB	173, 173, 173
RGB Percent	68%, 68%, 68%
CMY	0.3216, 0.3216, 0.3216
CMYK	0.00, 0.00, 0.00, 0.32
HSL	0°, 0%, 68%
HSV	0°, 0%, 68%
XYZ	39.7200, 41.7885, 45.5077
YIQ	173.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
R _{YB}	173, 173, 173
Decimal	11382189
CIE Lab	70.72, 0.00, -0.01
CIE LCh	71, 0.009, 296.813
Yxy	41.7885, 0.3127, 0.3290
Android (android.graphics.Color)	4289572269 (0xFFADADAD)
YUV	173.0000, 0.0000, 0.0000
Hunter-Lab	64.6440, -3.4492, 3.5122

Details

The RYB color **173, 173, 173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **173, 173, 173**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **228, 228, 228**, and **121, 121, 121** is the 20% darker color. If you saturate the color by 10%, you get **173, 156, 156**, and if you desaturate by 10%, it is **173, 182, 190**.

Distribution



Red (68%)

Green (68%)

Blue (68%)



Red (68%)

Yellow (68%)

Blue (68%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 173, 173 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 173, 173, 173 by changing the saturation by 10% instead.

 173, 173, 173

255, 255, 255

 228, 228, 228

 173, 173, 173

 146, 146, 146

 121, 121, 121

 96, 96, 96

 72, 72, 72

 50, 50, 50

 29, 29, 29

 3, 3, 3

 0, 0, 0

 173, 173, 173

 173, 173, 173

■ 173, 156, 156

■ 173, 182, 190

■ 173, 138, 138

■ 173, 191, 208

■ 173, 121, 121

■ 173, 199, 225

■ 173, 104, 104

■ 173, 208, 242

■ 173, 87, 87

■ 173, 214, 255

■ 173, 69, 69

■ 173, 52, 52

■ 173, 35, 35

■ 173, 17, 17

Harmonies

Sweetspot

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



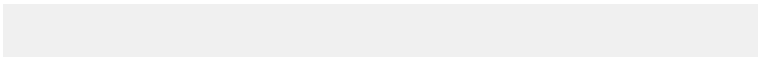
173, 173, 173



224, 224, 224



112, 112, 112



240, 240, 240

Same Dimension

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



173, 173, 173



224, 224, 224



87, 87, 87



150, 0, 0



23, 0, 0

Inverse Universe

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



173, 173, 173



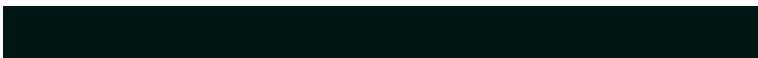
224, 224, 224



87, 87, 87



0, 75, 150



0, 12, 23

Previews

White Background



This preview shows how the RYB color 173, 173, 173 looks on a white background.

Color Contrast Check

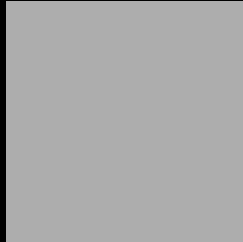
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 173, 173, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

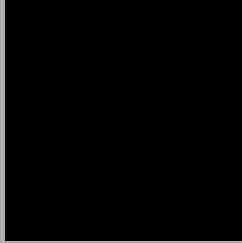
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

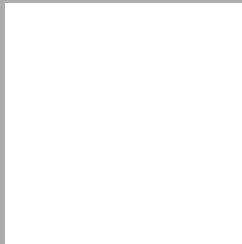
Any Text WCAG AAA ✓ Pass

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

RYB 173, 173, 173 Background



This preview shows how black text looks on a background with the RYB color 173, 173, 173.

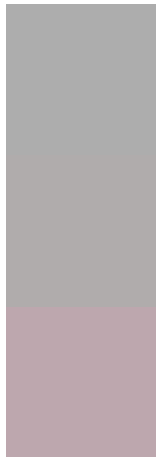


This preview shows how white text looks on a background with the RYB color 173, 173, 173.

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
173, 173, 173

Protanopia
176, 172, 172

Deuteranopia
189, 167, 174



Tritanopia
175, 171, 185

Trichromacy



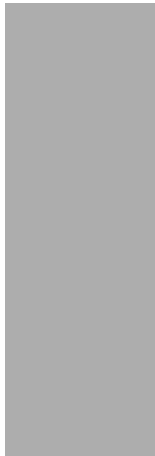
Original Color
173, 173, 173

Protanomaly
175, 172, 172

Deuteranomaly
183, 169, 174

Tritanomaly
174, 172, 181

Monochromacy



Original Color
173, 173, 173

Achromatopsia
173, 173, 173

Achromatomaly
173, 173, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 173, 173 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(173, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 173)  
}
```

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(173, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 173, 173 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(173, 173, 173) }
```

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

```
.border{ border-color:rgb(173, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 173, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 173) }
```

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

```
.background{ background-color: rgb(173,  
173, 173) }
```

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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