

Converting Colors

`RYB(152, 152, 153)`

Have a look what the booklet for
RYB(152, 152, 153) contains.

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Color

`RYB(152, 152, 153)`

Conversions

Conversions Part 1

Format	Color
Hex	989899
RGB	152, 152, 153
RGB Percent	60%, 60%, 60%
CMY	0.4039, 0.4039, 0.4000
CMYK	0.01, 0.01, 0.00, 0.40
HSL	240°, 0%, 60%
HSV	240°, 1%, 60%
XYZ	29.9269, 31.4318, 34.6266
YIQ	152.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

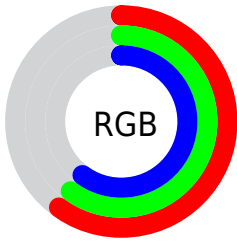
Format	Color
RYB	152, 152, 153
Decimal	10000537
CIELab	62.87, 0.20, -0.53
CIELCh	63, 0.567, 290.332
Yxy	31.4318, 0.3118, 0.3275
Android (android.graphics.Color)	4288190617 (0xFF989899)
YUV	152.1140, 0.4368, -0.1000
Hunter-Lab	56.0641, -2.8291, 2.6258

Details

The RYB color **152, 152, 153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152, 153, 152**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **206, 206, 207**, and **101, 101, 102** is the 20% darker color. If you saturate the color by 10%, you get **137, 137, 153**, and if you desaturate by 10%, it is **153, 167, 153**.

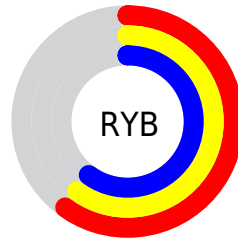
Distribution



Red (60%)

Green (60%)

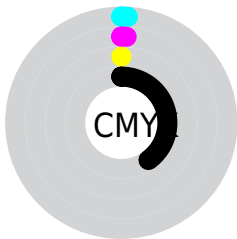
Blue (60%)



Red (60%)

Yellow (60%)

Blue (60%)

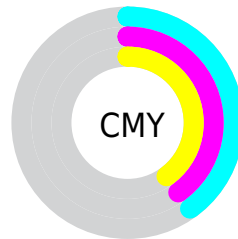


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 152, 153 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 152, 152, 153 by changing the saturation by 10% instead.

 152, 152, 153

255, 255, 255

 206, 206, 207


 234, 234, 235

 152, 152, 153


 126, 126, 127

 101, 101, 102


 77, 77, 78

 55, 55, 55

 33, 33, 34

 10, 10, 12

 0, 0, 0

 152, 152, 153

 137, 137, 153

 152, 152, 153

 153, 167, 153

■ 121, 121, 153

■ 153, 183, 153

■ 106, 106, 153

■ 153, 198, 153

■ 91, 91, 153

■ 153, 213, 153

■ 76, 76, 153

■ 153, 229, 153

■ 60, 60, 153

■ 153, 244, 153

■ 45, 45, 153

■ 153, 255, 153

■ 30, 30, 153

■ 14, 14, 153

Harmonies

Analogous

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



151, 152, 153



152, 152, 153



153, 152, 153

Triad

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



152, 152, 153



153, 153, 151



151, 152, 152

Complementary

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



152, 152, 153



152, 153, 152

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.



151, 152, 151



152, 152, 153



153, 153, 151

Square

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



152, 152, 153



153, 152, 152



151, 152, 151



151, 152, 152

Rectangle

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



152, 152, 153



153, 152, 152



151, 152, 151



151, 152, 152

Sweetspot

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



152, 152, 153



199, 199, 199



152, 153, 153



99, 99, 99



227, 227, 227

Same Dimension

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



152, 152, 153



197, 197, 199



153, 152, 153



76, 76, 77



0, 0, 140



0, 0, 13

Inverse Universe

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



153, 152, 153



199, 197, 199



152, 153, 152



77, 76, 77



140, 0, 140



13, 0, 13

Previews

White Background



This preview shows how the RYB color 152, 152, 153 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 152, 152, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

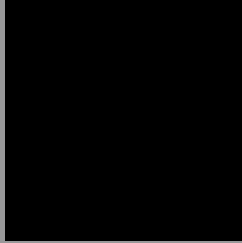
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

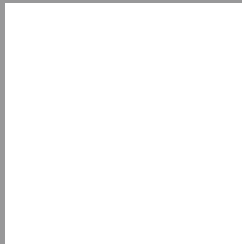
Any Text WCAG AAA ✓ Pass

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

RYB 152, 152, 153 Background



This preview shows how black text looks on a background with the RYB color 152, 152, 153.



This preview shows how white text looks on a background with the RYB color 152, 152, 153.

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
152, 152, 153

Protanopia
154, 151, 153

Deuteranopia
166, 147, 154



Tritanopia
153, 151, 162

Trichromacy



Original Color

152, 152, 153

Protanomaly

153, 151, 153

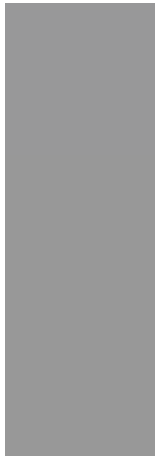
Deuteranomaly

161, 149, 154

Tritanomaly

153, 151, 159

Monochromacy



Original Color

152, 152, 153

Achromatopsia

152, 152, 152

Achromatomaly

152, 152, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 152, 153 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(152, 152, 153) looks like.

```
.text, #text, p{  
    color:rgb(152, 152, 153)  
}
```

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(152, 152, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 152, 153) }
```

Border

The CSS property to change the border of an element to RYB 152, 152, 153 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(152, 152, 153) }
```

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

```
.border{ border-color:rgb(152, 152, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 152, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 152, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 152, 153);  
box-shadow:4px 4px 4px 4px rgb(152, 152,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 152, 152, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 152, 153) }
```

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

```
.background{ background-color: rgb(152,  
152, 153) }
```

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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