

Converting Colors

`RYB(152, 153, 154)`

Have a look what the booklet for
RYB(152, 153, 154) contains.

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Color

R_YB(152, 153, 154)

Conversions

Conversions Part 1

Format	Color
Hex	989A9A
RGB	152, 154, 154
RGB Percent	60%, 60%, 60%
CMY	0.4039, 0.3961, 0.3961
CMYK	0.01, 0.00, 0.00, 0.40
HSL	180°, 1%, 60%
HSV	180°, 1%, 60%
XYZ	30.3372, 32.1197, 35.1726
YIQ	153.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

Format	Color
RYB	152, 153, 154
Decimal	10001050
CIELab	63.44, -0.72, -0.26
CIELCh	63, 0.763, 199.930
Yxy	32.1197, 0.3107, 0.3290
Android (android.graphics.Color)	4288191130 (0xFF989A9A)
YUV	153.4020, 0.2948, -1.2296
Hunter-Lab	56.6742, -3.6304, 2.8760

Details

The RYB color **152, 153, 154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 152, 152**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **206, 207, 208**, and **101, 102, 103** is the 20% darker color. If you saturate the color by 10%, you get **137, 146, 154**, and if you desaturate by 10%, it is **167, 154, 154**.

Distribution



Red (60%)

Green (60%)

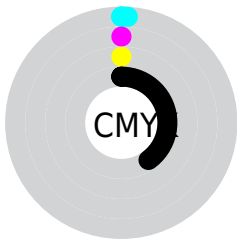
Blue (60%)



Red (60%)

Yellow (60%)

Blue (60%)



Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 153, 154 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, 153, 154 by changing the saturation by 10% instead.

■ 152, 153, 154

255, 255, 255

■ 206, 207, 208

■ 234, 236, 237

■ 152, 153, 154

■ 126, 127, 128

■ 101, 102, 103

■ 77, 78, 79

■ 54, 55, 56

■ 33, 34, 35

■ 10, 12, 13

■ 0, 0, 0

■ 152, 153, 154

■ 137, 146, 154

■ 152, 153, 154

■ 167, 154, 154

■ 121, 138, 154

■ 183, 154, 154

■ 106, 130, 154

■ 198, 154, 154

■ 90, 122, 154

■ 214, 154, 154

■ 75, 115, 154

■ 229, 154, 154

■ 60, 107, 154

■ 244, 154, 154

■ 44, 99, 154

■ 255, 154, 154

■ 29, 92, 154

■ 13, 84, 154

Harmonies

Analogous

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



152, 153, 154



152, 153, 154



152, 153, 155

Triad

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



152, 153, 154



154, 153, 154



154, 154, 152

Complementary

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



152, 153, 154



154, 152, 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.



155, 153, 153



152, 153, 154



155, 153, 154

Square

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



152, 153, 154



153, 153, 155



155, 153, 153



152, 154, 152

Rectangle

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



152, 153, 154



152, 153, 155



155, 153, 153



155, 154, 152

Sweetspot

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



152, 153, 154



201, 201, 201



152, 154, 154



102, 102, 102



230, 230, 230

Same Dimension

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



152, 153, 154



197, 199, 201



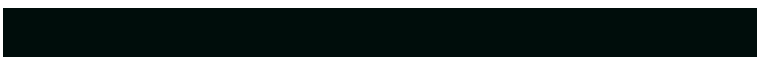
152, 153, 154



75, 76, 77



0, 70, 140



0, 7, 13

Inverse Universe

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



154, 152, 154



201, 197, 201



154, 154, 152



77, 75, 77



140, 0, 140



13, 0, 13

Previews

White Background



This preview shows how the RYB color 152, 153, 154 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 152, 153, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

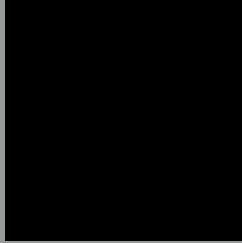
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

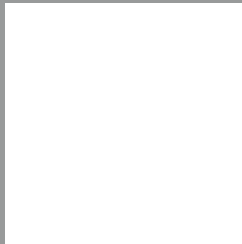
Any Text WCAG AAA ✓ Pass

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

RYB 152, 153, 154 Background



This preview shows how black text looks on a background with the RYB color 152, 153, 154.



This preview shows how white text looks on a background with the RYB color 152, 153, 154.

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, 153, 154

Protanopia

156, 153, 153

Deuteranopia

168, 149, 155



Tritanopia

154, 152, 164

Trichromacy



Original Color

152, 153, 154

Protanomaly

155, 153, 153

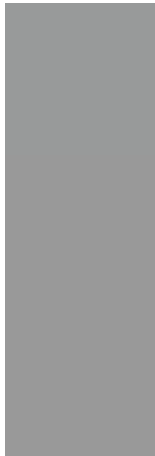
Deuteranomaly

162, 151, 155

Tritanomaly

153, 153, 160

Monochromacy



Original Color

152, 153, 154

Achromatopsia

153, 153, 153

Achromatomaly

153, 153, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 153, 154 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, 154, 154) looks like.

```
.text, #text, p{  
    color:rgb(152, 154, 154)  
}
```

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, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 154, 154) }
```

Border

The CSS property to change the border of an element to RYB 152, 153, 154 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, 154, 154) }
```

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

```
.border{ border-color:rgb(152, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(152, 154,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 152, 153, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 154, 154) }
```

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

```
.background{ background-color: rgb(152,  
154, 154) }
```

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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