

Converting Colors

`RYB(149, 148, 148)`

Have a look what the booklet for
RYB(149, 148, 148) contains.

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Color

R_YB(149, 148, 148)

Conversions

Conversions Part 1

Format	Color
Hex	959494
RGB	149, 148, 148
RGB Percent	58%, 58%, 58%
CMY	0.4157, 0.4196, 0.4196
CMYK	0.00, 0.01, 0.01, 0.42
HSL	0°, 0%, 58%
HSV	0°, 1%, 58%
XYZ	28.3296, 29.7075, 32.2580
YIQ	148.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
R_{YB}	149, 148, 148
Decimal	9802900
CIE _{Lab}	61.40, 0.37, 0.12
CIE _{LCh}	61, 0.388, 18.303
Yxy	29.7075, 0.3137, 0.3290
Android (android.graphics.Color)	4287992980 (0xFF959494)
YUV	148.2990, -0.1474, 0.6148
Hunter-Lab	54.5046, -2.6048, 3.0630

Details

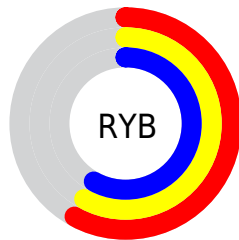
The RYB color **149, 148, 148** is a light color, and the websafe version is hex **999999**. A complement of this color would be **148, 149, 149**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **203, 202, 202**, and **98, 97, 97** is the 20% darker color. If you saturate the color by 10%, you get **149, 133, 133**, and if you desaturate by 10%, it is **149, 156, 163**.

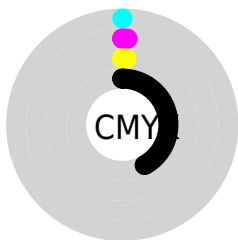
Distribution



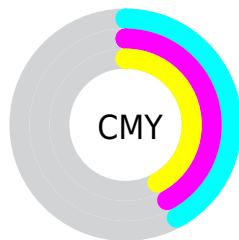
- Red (58%)
- Green (58%)
- Blue (58%)



- Red (58%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (42%)



- Cyan (42%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 148, 148 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 149, 148, 148 by changing the saturation by 10% instead.

■ 149, 148, 148

255, 255, 255

■ 203, 202, 202

■ 231, 230, 230

■ 149, 148, 148

■ 123, 122, 122

■ 98, 97, 97

■ 75, 74, 74

■ 52, 51, 51

■ 31, 30, 30

■ 6, 5, 5

■ 0, 0, 0

■ 149, 148, 148


■ 149, 133, 133

■ 149, 148, 148

■ 149, 156, 163

 149, 118, 118

 149, 164, 178

 149, 103, 103

 149, 171, 193

 149, 88, 88

 149, 179, 208

 149, 74, 74

 149, 186, 223

 149, 59, 59

 149, 193, 237

 149, 44, 44

 149, 201, 252

 149, 29, 29

 149, 202, 255

 149, 14, 14

Harmonies

Triad

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



149, 148, 148



148, 148, 148



148, 148, 149

Complementary

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



149, 148, 148



148, 149, 149

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.



147, 148, 149



149, 148, 148



148, 148, 148

Square

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



149, 148, 148



148, 148, 148



147, 148, 148



148, 148, 149

Rectangle

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



149, 148, 148



147, 148, 148



148, 148, 149

Sweetspot

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



149, 148, 148



194, 194, 194



149, 148, 149



97, 97, 97



224, 224, 224

Same Dimension

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



149, 148, 148



194, 192, 192



148, 149, 148



74, 73, 73



138, 0, 0



10, 0, 0

Inverse Universe

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



148, 149, 149



192, 193, 194



73, 74, 74



0, 69, 138



0, 5, 10

Previews

White Background



This preview shows how the RYB color 149, 148, 148 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 149, 148, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

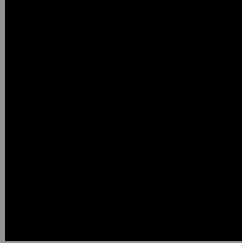
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

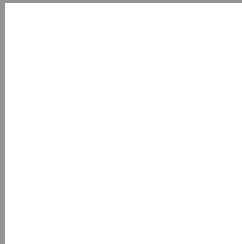
Any Text WCAG AAA × Fail

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

RYB 149, 148, 148 Background



This preview shows how black text looks on a background with the RYB color 149, 148, 148.



This preview shows how white text looks on a background with the RYB color 149, 148, 148.

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
149, 148, 148

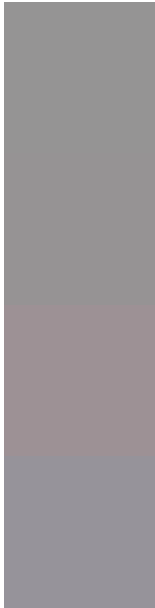
Protanopia
151, 147, 148

Deuteranopia
162, 143, 149



Tritanopia
151, 146, 158

Trichromacy



Original Color

149, 148, 148

Protanomaly

150, 147, 148

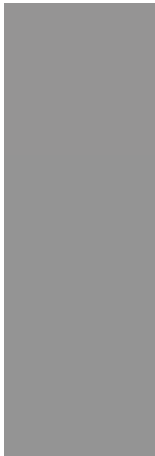
Deuteranomaly

157, 145, 149

Tritanomaly

150, 147, 154

Monochromacy



Original Color

149, 148, 148

Achromatopsia

148, 148, 148

Achromatomaly

148, 148, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 148, 148 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(149, 148, 148) looks like.

```
.text, #text, p{  
    color:rgb(149, 148, 148)  
}
```

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(149, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 148, 148) }
```

Border

The CSS property to change the border of an element to RYB 149, 148, 148 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(149, 148, 148) }
```

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

```
.border{ border-color:rgb(149, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(149, 148,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 149, 148, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 148, 148) }
```

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

```
.background{ background-color: rgb(149,  
148, 148) }
```

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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