

Converting Colors

`RYB(149, 124, 124)`

Have a look what the booklet for
RYB(149, 124, 124) contains.

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Color

R_YB(149, 124, 124)

Conversions

Conversions Part 1

Format	Color
Hex	957C7C
RGB	149, 124, 124
RGB Percent	58%, 49%, 49%
CMY	0.4157, 0.5137, 0.5137
CMYK	0.00, 0.17, 0.17, 0.42
HSL	0°, 11%, 54%
HSV	0°, 17%, 58%
XYZ	23.2402, 22.2601, 22.1405
YIQ	131.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

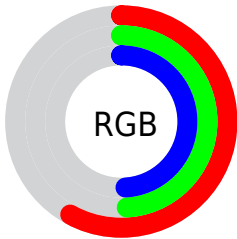
Format	Color
R_{YB}	149, 124, 124
Decimal	9796732
CIE _{Lab}	54.30, 9.63, 3.60
CIE _{LCh}	54, 10.284, 20.499
Yxy	22.2601, 0.3436, 0.3291
Android (android.graphics.Color)	4287986812 (0xFF957C7C)
YUV	131.4750, -3.6852, 15.3694
Hunter-Lab	47.1806, 5.3592, 5.2033

Details

The RYB color **149, 124, 124** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **124, 137, 149**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **203, 177, 176**, and **98, 75, 75** is the 20% darker color. If you saturate the color by 10%, you get **149, 109, 109**, and if you desaturate by 10%, it is **149, 139, 139**.

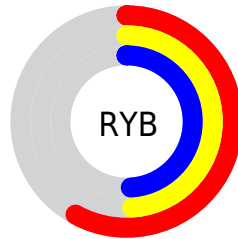
Distribution



Red (58%)

Green (49%)

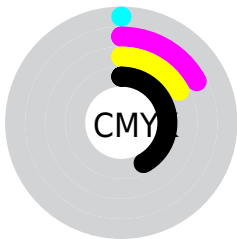
Blue (49%)



Red (58%)

Yellow (49%)

Blue (49%)

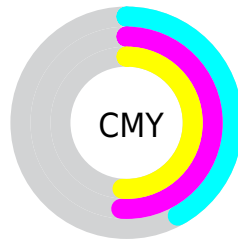


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 124, 124 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, 124, 124 by changing the saturation by 10% instead.

 149, 124, 124

255, 255, 255

 203, 177, 176

 232, 204, 204


 255, 232, 232

 149, 124, 124

 123, 99, 99

 98, 75, 75

 74, 52, 53

 51, 31, 32

 31, 8, 7


 0, 0, 0

 149, 124, 124

 149, 109, 109

 149, 94, 94

 149, 124, 124

 149, 139, 139

 149, 152, 154

 149, 79, 79

 149, 159, 169

 149, 64, 64

 149, 167, 184

 149, 49, 49

 149, 174, 199

 149, 35, 35

 149, 181, 213

 149, 20, 20

 149, 189, 228

 149, 5, 5

 149, 196, 243

 149, 0, 0

 149, 202, 255

Harmonies

Analogous

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



146, 124, 133



149, 124, 124



147, 131, 116

Triad

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



149, 124, 124



118, 134, 132



117, 127, 147

Complementary

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



149, 124, 124



124, 137, 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.



109, 123, 143



149, 124, 124



112, 126, 135

Square

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



149, 124, 124



113, 131, 114



107, 121, 136



128, 129, 146

Rectangle

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



149, 124, 124



143, 139, 113



107, 121, 136



114, 126, 146

Sweetspot

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



149, 124, 124



194, 184, 184



149, 124, 149



97, 91, 91



224, 224, 224



97, 97, 97

Same Dimension

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



149, 124, 124



194, 155, 155



147, 149, 124



74, 67, 67



138, 0, 0



10, 0, 0

Inverse Universe

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



124, 137, 149



155, 175, 194



124, 133, 149



67, 71, 74



0, 69, 138



0, 5, 10

Previews

White Background



This preview shows how the RYB color 149, 124, 124 looks on a white background.

Color Contrast Check

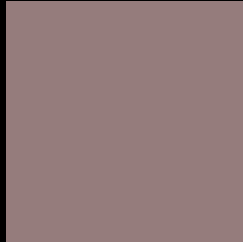
Large Text (above 18pt) WCAG AA ✓ Pass

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, 124, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

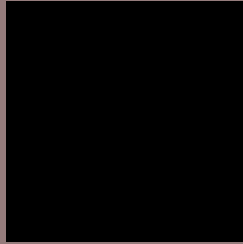
Any Text WCAG AA ✓ Pass

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, 124, 124 Background



This preview shows how black text looks on a background with the RYB color 149, 124, 124.



This preview shows how white text looks on a background with the RYB color 149, 124, 124.

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, 124, 124

Protanopia
133, 130, 127

Deuteranopia
145, 126, 124



Tritanopia
150, 123, 132

Trichromacy



Original Color

149, 124, 124

Protanomaly

139, 127, 126

Deuteranomaly

146, 125, 124

Tritanomaly

150, 123, 129

Monochromacy



Original Color

149, 124, 124

Achromatopsia

131, 131, 131

Achromatomaly

138, 128, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 124, 124 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, 124, 124) looks like.

```
.text, #text, p{  
    color:rgb(149, 124, 124)  
}
```

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, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 124, 124) }
```

Border

The CSS property to change the border of an element to RYB 149, 124, 124 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, 124, 124) }
```

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

```
.border{ border-color:rgb(149, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(149, 124,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 149, 124, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 124, 124) }
```

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

```
.background{ background-color: rgb(149,  
124, 124) }
```

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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