

Converting Colors

`RYB(153, 159, 124)`

Have a look what the booklet for
RYB(153, 159, 124) contains.

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Color

R_YB(153, 159, 124)

Conversions

Conversions Part 1

Format	Color
Hex	9F8F7C
RGB	159, 143, 124
RGB Percent	62%, 56%, 49%
CMY	0.3765, 0.4387, 0.5137
CMYK	0.00, 0.10, 0.22, 0.38
HSL	33°, 15%, 55%
HSV	33°, 22%, 62%
XYZ	27.7798, 28.5133, 23.1083
YIQ	145.6180, 15.6350, -2.5170

Conversions

Conversions Part 2

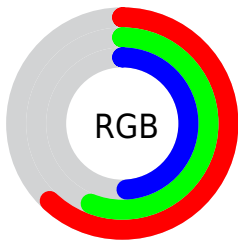
Format	Color
RYB	153, 159, 124
Decimal	10456956
CIELab	60.35, 2.72, 12.34
CIElCh	60, 12.637, 77.549
Yxy	28.5133, 0.3499, 0.3591
Android (android.graphics.Color)	4288647036 (0xFF9F8F7C)
YUV	145.6180, -10.6577, 11.7360
Hunter-Lab	53.3979, -0.5833, 11.7204

Details

The RYB color **153, 159, 124** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **124, 135, 159**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **208, 214, 177**, and **100, 107, 75** is the 20% darker color. If you saturate the color by 10%, you get **150, 159, 108**, and if you desaturate by 10%, it is **157, 159, 140**.

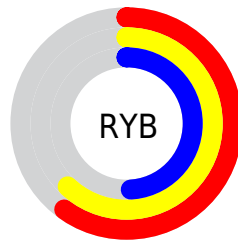
Distribution



Red (62%)

Green (56%)

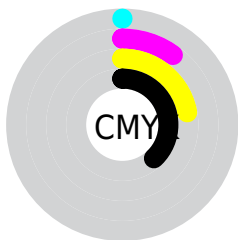
Blue (49%)



Red (60%)

Yellow (62%)

Blue (49%)

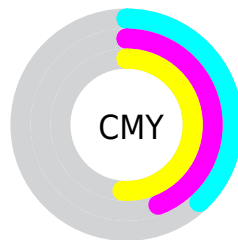


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 159, 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 153, 159, 124 by changing the saturation by 10% instead.

 153, 159, 124

255, 255, 255

 208, 214, 177


 237, 243, 204

 234, 255, 232

 153, 159, 124

 126, 133, 99

 100, 107, 75

 78, 83, 52

 52, 59, 31

 26, 37, 8

 9, 0, 0

 0, 0, 0

 153, 159, 124


 150, 159, 108

 153, 159, 124


 157, 159, 140

 146, 159, 92


 158, 159, 156

 143, 159, 76

 159, 163, 172

 143, 159, 60


 159, 168, 188

 141, 159, 45

 159, 173, 204

 137, 159, 29

 159, 178, 219

 133, 159, 13

 159, 183, 235

 132, 159, 0

 159, 188, 251

 159, 191, 255

Harmonies

Analogous

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



167, 144, 130



153, 159, 124



124, 147, 124

Triad

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



153, 159, 124



117, 135, 152



155, 141, 161

Complementary

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



153, 159, 124



124, 135, 159

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.



142, 144, 167



153, 159, 124



119, 137, 161

Square

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



153, 159, 124



123, 141, 152



128, 141, 167



165, 138, 151

Rectangle

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



153, 159, 124



128, 149, 138



128, 141, 167



151, 142, 163

Sweetspot

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



153, 159, 124



205, 207, 192



159, 124, 140



103, 105, 96



232, 232, 232



105, 105, 105

Same Dimension

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



153, 159, 124



200, 207, 153



124, 159, 125



79, 79, 71



119, 143, 0



13, 15, 0

Inverse Universe

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



124, 135, 159



153, 170, 207



125, 124, 159



71, 74, 79



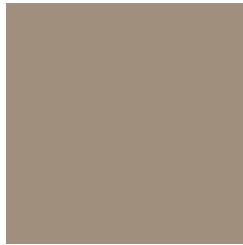
0, 45, 143



0, 5, 15

Previews

White Background



This preview shows how the RYB color 153, 159, 124 looks on a white background.

Color Contrast Check

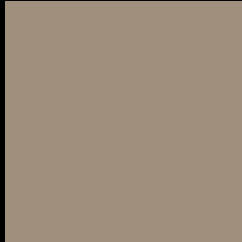
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 159, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

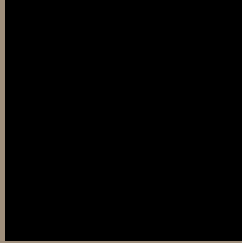
Any Text WCAG AA ✓ Pass

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 153, 159, 124 Background



This preview shows how black text looks on a background with the RYB color 153, 159, 124.



This preview shows how white text looks on a background with the RYB color 153, 159, 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
153, 159, 124

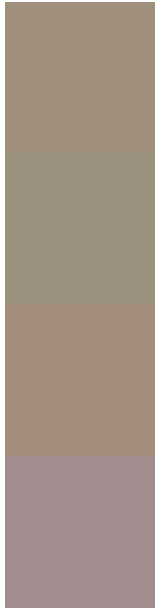
Protanopia
136, 153, 125

Deuteranopia
167, 148, 125



Tritanopia
162, 139, 150

Trichromacy



Original Color
153, 159, 124

Protanomaly
142, 155, 125

Deuteranomaly
164, 152, 125

Tritanomaly
161, 141, 141

Monochromacy



Original Color
153, 159, 124

Achromatopsia
146, 146, 146

Achromatomaly
149, 151, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 159, 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(159, 143, 124) looks like.

```
.text, #text, p{  
    color:rgb(159, 143, 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(159, 143, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 143, 124) }
```

Border

The CSS property to change the border of an element to RYB 153, 159, 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(159, 143, 124) }
```

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

```
.border{ border-color:rgb(159, 143, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 143, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 143, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 143, 124);  
box-shadow:4px 4px 4px 4px rgb(159, 143,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 153, 159, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 143, 124) }
```

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

```
.background{ background-color: rgb(159,  
143, 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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