

Converting Colors

`RYB(153, 159, 120)`

Have a look what the booklet for
RYB(153, 159, 120) contains.

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Color

R_YB(153, 159, 120)

Conversions

Conversions Part 1

Format	Color
Hex	9F8D78
RGB	159, 141, 120
RGB Percent	62%, 55%, 47%
CMY	0.3765, 0.4466, 0.5294
CMYK	0.00, 0.11, 0.25, 0.38
HSL	33°, 17%, 55%
HSV	33°, 25%, 62%
XYZ	27.2316, 27.8136, 21.7026
YIQ	143.9880, 17.4690, -2.7150

Conversions

Conversions Part 2

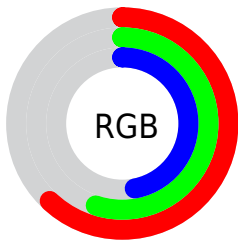
Format	Color
RYB	153, 159, 120
Decimal	10456440
CIELab	59.72, 3.24, 13.72
CIELCh	60, 14.101, 76.710
Yxy	27.8136, 0.3548, 0.3624
Android (android.graphics.Color)	4288646520 (0xFF9F8D78)
YUV	143.9880, -11.8261, 13.1655
Hunter-Lab	52.7386, -0.1242, 12.5185

Details

The RYB color **153, 159, 120** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **120, 132, 159**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **207, 214, 172**, and **100, 107, 71** is the 20% darker color. If you saturate the color by 10%, you get **150, 159, 104**, and if you desaturate by 10%, it is **157, 159, 136**.

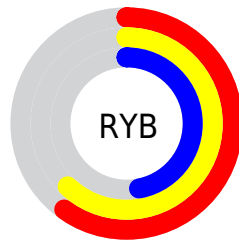
Distribution



Red (62%)

Green (55%)

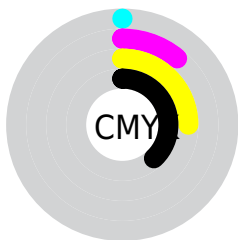
Blue (47%)



Red (60%)

Yellow (62%)

Blue (47%)

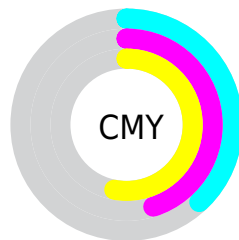


Cyan (0%)

Magenta (11%)

Yellow (25%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 159, 120 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, 120 by changing the saturation by 10% instead.

 153, 159, 120

255, 255, 255

 207, 214, 172

 237, 243, 200

 233, 255, 228

 153, 159, 120

 126, 133, 95

 100, 107, 71

 73, 82, 49

 54, 59, 28

 20, 37, 2

 5, 0, 0

 0, 0, 0

 153, 159, 120

 150, 159, 104

 153, 159, 120

 157, 159, 136

■ 146, 159, 88

■ 157, 159, 152

■ 146, 159, 72

■ 159, 162, 168

■ 142, 159, 56

■ 159, 167, 184

■ 139, 159, 40

■ 159, 172, 200

■ 140, 159, 25

■ 159, 177, 215

■ 137, 159, 9

■ 159, 182, 231

■ 135, 159, 0

■ 159, 187, 247

■ 159, 191, 255

Harmonies

Analogous

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



168, 141, 126



153, 159, 120



121, 146, 120

Triad

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



153, 159, 120



112, 132, 151



154, 139, 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, 120



120, 132, 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.



139, 143, 167



153, 159, 120



113, 134, 161

Square

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



153, 159, 120



119, 139, 151



124, 139, 168



166, 136, 150

Rectangle

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



153, 159, 120



124, 148, 135



124, 139, 168



150, 140, 164

Sweetspot

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



153, 159, 120



205, 207, 192



159, 120, 138



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, 120



200, 207, 147



120, 159, 121



79, 79, 71



123, 143, 0



13, 15, 0

Inverse Universe

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



120, 132, 159



147, 166, 207



121, 120, 159



71, 74, 79



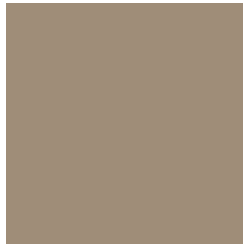
0, 45, 143



0, 5, 15

Previews

White Background



This preview shows how the RYB color 153, 159, 120 looks on a white background.

Color Contrast Check

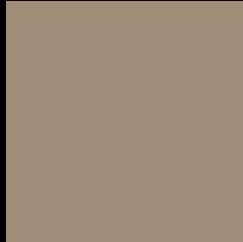
Large Text (above 18pt) WCAG AA ✓ Pass

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, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

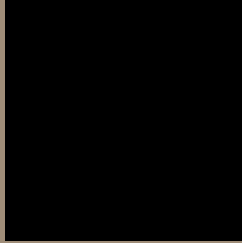
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

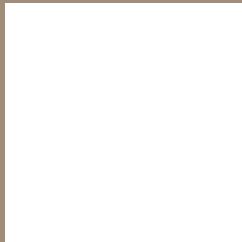
Any Text WCAG AAA × Fail

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

RYB 153, 159, 120 Background



This preview shows how black text looks on a background with the RYB color 153, 159, 120.



This preview shows how white text looks on a background with the RYB color 153, 159, 120.

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, 120

Protanopia

132, 152, 121

Deuteranopia

166, 148, 121



Tritanopia

162, 137, 148

Trichromacy



Original Color

153, 159, 120

Protanomaly

140, 155, 121

Deuteranomaly

163, 153, 121

Tritanomaly

161, 139, 138

Monochromacy



Original Color

153, 159, 120

Achromatopsia

144, 144, 144

Achromatomaly

146, 149, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 159, 120 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, 141, 120)` looks like.

```
.text, #text, p{  
    color:rgb(159, 141, 120)  
}
```

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, 141, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 141, 120) }
```

Border

The CSS property to change the border of an element to RYB 153, 159, 120 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, 141, 120) }
```

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

```
.border{ border-color:rgb(159, 141, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 141, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 141, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 141, 120);  
box-shadow:4px 4px 4px 4px rgb(159, 141,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 153, 159, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 141, 120) }
```

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

```
.background{ background-color: rgb(159,  
141, 120) }
```

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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