

Converting Colors

`RYB(150, 150, 120)`

Have a look what the booklet for
RYB(150, 150, 120) contains.

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Color

R_YB(150, 150, 120)

Conversions

Conversions Part 1

Format	Color
Hex	968778
RGB	150, 135, 120
RGB Percent	59%, 53%, 47%
CMY	0.4118, 0.4706, 0.5294
CMYK	0.00, 0.10, 0.20, 0.41
HSL	30°, 13%, 53%
HSV	30°, 20%, 59%
XYZ	24.6318, 25.1680, 21.3290
YIQ	137.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

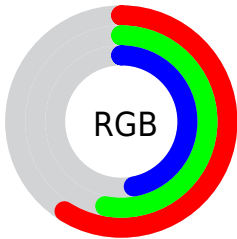
Format	Color
R_{YB}	150, 150, 120
Decimal	9865080
CIE Lab	57.24, 3.09, 10.12
CIE LCh	57, 10.582, 72.998
Yxy	25.1680, 0.3463, 0.3538
Android (android.graphics.Color)	4288055160 (0xFF968778)
YUV	137.7750, -8.7631, 10.7213
Hunter-Lab	50.1678, -0.1521, 9.9101

Details

The RYB color **150, 150, 120** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **120, 130, 150**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **204, 204, 172**, and **99, 97, 72** is the 20% darker color. If you saturate the color by 10%, you get **148, 150, 105**, and if you desaturate by 10%, it is **148, 150, 135**.

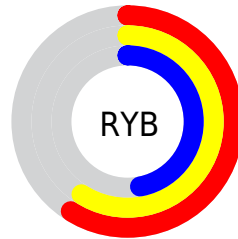
Distribution



Red (59%)

Green (53%)

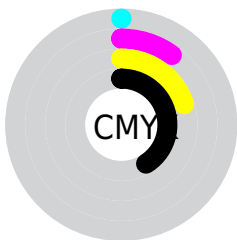
Blue (47%)



Red (59%)

Yellow (59%)

Blue (47%)

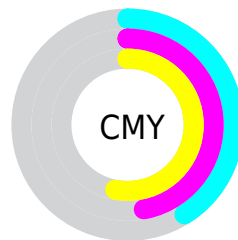


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (41%)



Cyan (41%)


Magenta (47%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 150, 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 150, 150, 120 by changing the saturation by 10% instead.


 150, 150, 120

255, 255, 255

 204, 204, 172


 233, 231, 200

 247, 255, 228

 150, 150, 120

 122, 124, 95


 99, 97, 72

 75, 75, 49


 52, 52, 28


 20, 31, 2

 0, 0, 0


 150, 150, 120


 148, 150, 105


 150, 150, 90


 150, 150, 120


 148, 150, 135


 150, 150, 150


 148, 150, 75


 150, 155, 165


 150, 150, 60


 150, 160, 180


 148, 150, 45

 150, 165, 195


 150, 150, 30


 150, 170, 210

 148, 150, 15

 150, 175, 225

 150, 150, 0

 150, 180, 240

 150, 185, 255

Harmonies

Analogous

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



156, 134, 125



150, 150, 120



122, 141, 119

Triad

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



150, 150, 120



115, 130, 143



144, 134, 151

Complementary

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



150, 150, 120



120, 130, 150

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.



133, 136, 155



150, 150, 120



115, 130, 150

Square

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



150, 150, 120



120, 134, 142



122, 134, 155



153, 132, 143

Rectangle

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



150, 150, 120



122, 140, 128



122, 134, 155



140, 135, 153

Sweetspot

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



150, 150, 120



194, 194, 182



150, 120, 135



95, 97, 90



224, 224, 224



97, 97, 97

Same Dimension

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



150, 150, 120



192, 194, 147



120, 150, 120



74, 72, 67



138, 138, 0



10, 10, 0

Inverse Universe

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



120, 130, 150



147, 163, 194



120, 120, 150



67, 69, 74



0, 46, 138



0, 3, 10

Previews

White Background



This preview shows how the RYB color 150, 150, 120 looks on a white background.

Color Contrast Check

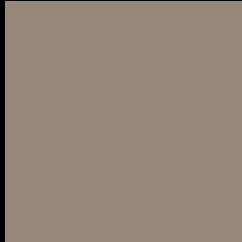
Large Text (above 18pt) WCAG AA ✓ Pass

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 150, 150, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

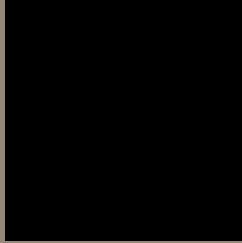
Any Text WCAG AA ✓ Pass

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 150, 150, 120 Background



This preview shows how black text looks on a background with the RYB color 150, 150, 120.



This preview shows how white text looks on a background with the RYB color 150, 150, 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

150, 150, 120

Protanopia

131, 144, 121

Deuteranopia

157, 137, 121



Tritanopia

153, 132, 142

Trichromacy



Original Color

150, 150, 120

Protanomaly

138, 146, 121

Deuteranomaly

154, 140, 121

Tritanomaly

152, 133, 134

Monochromacy



Original Color

150, 150, 120

Achromatopsia

138, 138, 138

Achromatomaly

140, 142, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 150, 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(150, 135, 120)` looks like.

```
.text, #text, p{  
    color:rgb(150, 135, 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(150, 135, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 135, 120) }
```

Border

The CSS property to change the border of an element to RYB 150, 150, 120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

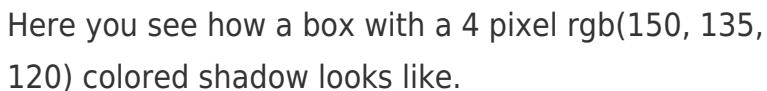
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 135, 120) }
```

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

```
.border{ border-color:rgb(150, 135, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(150, 135, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 135, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 135, 120); box-shadow:4px 4px 4px 4px rgb(150, 135, 120) }
```

Background

The CSS property to change the background color of an element to RYB 150, 150, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 135, 120) }
```

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

```
.background{ background-color: rgb(150,  
135, 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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