

Converting Colors

`RYB(152, 120, 122)`

Have a look what the booklet for
RYB(152, 120, 122) contains.

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Color

`RYB(152, 120, 122)`

Conversions

Conversions Part 1

Format	Color
Hex	98787A
RGB	152, 120, 122
RGB Percent	60%, 47%, 48%
CMY	0.4039, 0.5294, 0.5216
CMYK	0.00, 0.21, 0.20, 0.40
HSL	356°, 13%, 53%
HSV	356°, 21%, 60%
XYZ	23.1782, 21.5135, 21.3432
YIQ	129.7960, 18.4300, 7.4060

Conversions

Conversions Part 2

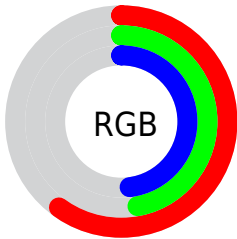
Format	Color
R_{YB}	152, 120, 122
Decimal	9992314
CIE _{Lab}	53.51, 12.78, 3.66
CIE _{LCh}	54, 13.295, 15.979
Yxy	21.5135, 0.3510, 0.3258
Android (android.graphics.Color)	4288182394 (0xFF98787A)
YUV	129.7960, -3.8434, 19.4729
Hunter-Lab	46.3826, 8.0300, 5.1852

Details

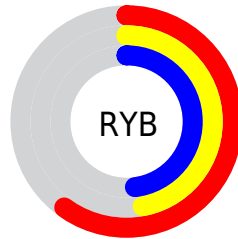
The RYB color **152, 120, 122** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **120, 137, 152**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **207, 172, 174**, and **100, 71, 73** is the 20% darker color. If you saturate the color by 10%, you get **152, 105, 108**, and if you desaturate by 10%, it is **152, 135, 136**.

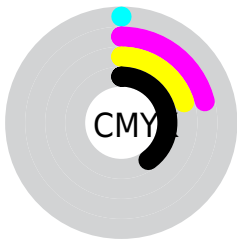
Distribution



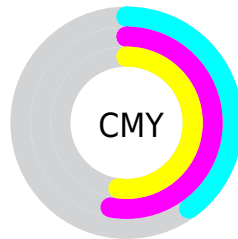
- Red (60%)
- Green (47%)
- Blue (48%)



- Red (60%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 120, 122 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 152, 120, 122 by changing the saturation by 10% instead.

 152, 120, 122

255, 255, 255

 207, 172, 174


 235, 200, 202


 255, 228, 230

 152, 120, 122

 126, 95, 97

 100, 71, 73

 76, 49, 51

 53, 27, 30

 33, 2, 4


 0, 0, 0


 152, 120, 122

 152, 105, 108

 152, 90, 94

 152, 120, 122

 152, 135, 136

 152, 150, 151

152, 74, 79

152, 159, 166

152, 59, 65

152, 167, 181

152, 44, 51

152, 175, 196

152, 29, 37

152, 182, 211

152, 14, 22

152, 190, 226

152, 0, 10

152, 199, 242

152, 205, 255

Harmonies

Analogous

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



148, 120, 134



152, 120, 122



150, 126, 112

Triad

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



152, 120, 122



112, 132, 127



109, 123, 150

Complementary

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



152, 120, 122



120, 137, 152

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.



99, 118, 144



152, 120, 122



105, 123, 134

Square

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



152, 120, 122



107, 130, 106



98, 117, 135



123, 126, 150

Rectangle

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



152, 120, 122



145, 138, 107



98, 117, 135



105, 122, 148

Sweetspot

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



152, 120, 122



196, 185, 185



150, 120, 152



99, 92, 93



227, 227, 227



99, 99, 99

Same Dimension

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



152, 120, 122



196, 147, 150



152, 145, 120



77, 69, 69



140, 0, 9



13, 0, 1

Inverse Universe

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



152, 120, 122



196, 147, 150



120, 132, 152



77, 69, 69



140, 0, 9



13, 0, 1

Previews

White Background



This preview shows how the RYB color 152, 120, 122 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 152, 120, 122 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 152, 120, 122 Background



This preview shows how black text looks on a background with the RYB color 152, 120, 122.



This preview shows how white text looks on a background with the RYB color 152, 120, 122.

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
152, 120, 122

Protanopia
131, 127, 126

Deuteranopia
143, 124, 121



Tritanopia
153, 119, 128

Trichromacy



Original Color

152, 120, 122

Protanomaly

139, 124, 125

Deuteranomaly

146, 123, 121

Tritanomaly

153, 119, 126

Monochromacy



Original Color

152, 120, 122

Achromatopsia

130, 130, 130

Achromatomaly

138, 126, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 120, 122 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(152, 120, 122)` looks like.

```
.text, #text, p{  
    color:rgb(152, 120, 122)  
}
```

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(152, 120, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 120, 122) }
```

Border

The CSS property to change the border of an element to RYB 152, 120, 122 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(152, 120, 122) }
```

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

```
.border{ border-color:rgb(152, 120, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 120, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 120, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 120, 122);  
box-shadow:4px 4px 4px 4px rgb(152, 120,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 152, 120, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 120, 122) }
```

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

```
.background{ background-color: rgb(152,  
120, 122) }
```

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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