

Converting Colors

`RYB(152, 170, 147)`

Have a look what the booklet for
RYB(152, 170, 147) contains.

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Color

R_YB(152, 170, 147)

Conversions

Conversions Part 1

Format	Color
Hex	AAA693
RGB	170, 166, 147
RGB Percent	67%, 65%, 58%
CMY	0.3333, 0.3494, 0.4235
CMYK	0.00, 0.02, 0.14, 0.33
HSL	49°, 12%, 62%
HSV	49°, 14%, 67%
XYZ	35.4608, 37.8861, 33.0475
YIQ	165.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

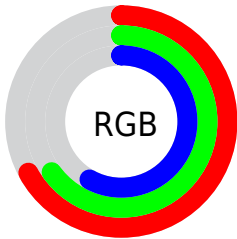
Format	Color
RYB	152, 170, 147
Decimal	11183763
CIELab	67.94, -1.85, 10.31
CIElCh	68, 10.475, 100.159
Yxy	37.8861, 0.3333, 0.3561
Android (android.graphics.Color)	4289373843 (0xFFAAA693)
YUV	165.0300, -8.8888, 4.3587
Hunter-Lab	61.5517, -4.8792, 11.2530

Details

The RYB color **152, 170, 147** is a light color, and the websafe version is hex **999999**. A complement of this color would be **147, 150, 170**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **206, 225, 201**, and **101, 118, 96** is the 20% darker color. If you saturate the color by 10%, you get **138, 170, 130**, and if you desaturate by 10%, it is **165, 170, 164**.

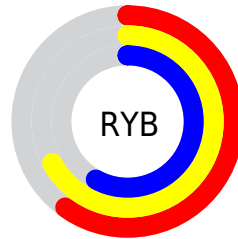
Distribution



Red (67%)

Green (65%)

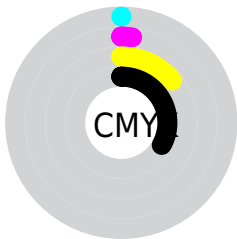
Blue (58%)



Red (60%)

Yellow (67%)

Blue (58%)

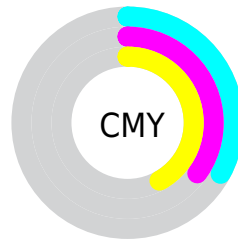


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 170, 147 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, 170, 147 by changing the saturation by 10% instead.


 152, 170, 147


255, 255, 255

 206, 225, 201

 235, 254, 229

 152, 170, 147

 124, 143, 121

 101, 118, 96


 77, 93, 73

 54, 69, 50


 33, 47, 29

 7, 27, 4

 0, 0, 0

 152, 170, 147

 138, 170, 130

 152, 170, 147

 165, 170, 164

■ 125, 170, 113

■ 170, 172, 181

■ 112, 170, 96

■ 170, 174, 198

■ 98, 170, 79

■ 170, 177, 215

■ 85, 170, 62

■ 170, 179, 232

■ 72, 170, 45

■ 170, 182, 249

■ 58, 170, 28

■ 170, 184, 255

■ 45, 170, 11

■ 170, 186, 255

■ 36, 170, 0

■ 170, 188, 255

Harmonies

Analogous

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



179, 177, 148



152, 170, 147



151, 169, 161

Triad

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



152, 170, 147



143, 158, 177



181, 160, 172

Complementary

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



152, 170, 147



147, 150, 170

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.



171, 162, 180



152, 170, 147



149, 161, 183

Square

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



152, 170, 147



143, 158, 171



160, 164, 184



186, 159, 163

Rectangle

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



152, 170, 147



152, 167, 170



160, 164, 184



178, 160, 175

Sweetspot

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



152, 170, 147



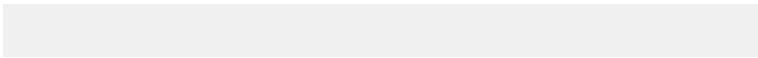
216, 222, 213



170, 147, 151



108, 112, 107



240, 240, 240



112, 112, 112

Same Dimension

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



152, 170, 147



193, 222, 186



147, 170, 154



77, 84, 76



33, 148, 0



4, 20, 0

Inverse Universe

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



147, 150, 170



186, 192, 222



154, 147, 170



76, 77, 84



0, 22, 148



0, 3, 20

Previews

White Background



This preview shows how the RYB color 152, 170, 147 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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, 170, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

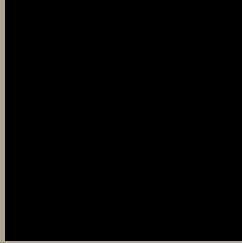
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

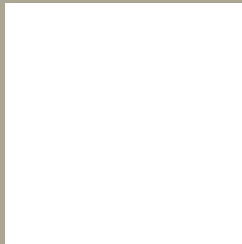
Any Text WCAG AAA ✓ Pass

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

R Y B 152, 170, 147 Background



This preview shows how black text looks on a background with the RYB color 152, 170, 147.



This preview shows how white text looks on a background with the RYB color 152, 170, 147.

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, 170, 147

Protanopia
159, 173, 147

Deuteranopia
188, 165, 148



Tritanopia

174, 162, 175

Trichromacy



Original Color

152, 170, 147

Protanomaly

157, 172, 147

Deuteranomaly

181, 172, 148

Tritanomaly

173, 163, 165

Monochromacy



Original Color

152, 170, 147

Achromatopsia

165, 165, 165

Achromatomaly

161, 167, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 170, 147 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(170, 166, 147) looks like.

```
.text, #text, p{  
    color:rgb(170, 166, 147)  
}
```

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(170, 166, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 166, 147) }
```

Border

The CSS property to change the border of an element to RYB 152, 170, 147 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(170, 166, 147) }
```

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

```
.border{ border-color:rgb(170, 166, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 166, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 166, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 166, 147);  
box-shadow:4px 4px 4px 4px rgb(170, 166,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 152, 170, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 166, 147) }
```

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

```
.background{ background-color: rgb(170,  
166, 147) }
```

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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