

Converting Colors

RGB(170, 142, 133)

Have a look what the booklet for
RGB(170, 142, 133) contains.

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Color

RGB(170, 142, 133)

Conversions

Conversions Part 1

Format	Color
Hex	AA8E85
RGB	170, 142, 133
RGB Percent	67%, 56%, 52%
CMY	0.3333, 0.4431, 0.4784
CMYK	0.00, 0.16, 0.22, 0.33
HSL	15°, 18%, 59%
HSV	15°, 22%, 67%
XYZ	30.4842, 29.5855, 26.2942
YIQ	149.3460, 19.5770, 3.1370

Conversions

Conversions Part 2

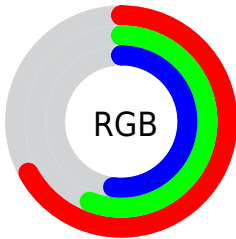
Format	Color
RYB	170, 145, 133
Decimal	11177605
CIELab	61.29, 9.09, 8.72
CIELCh	61, 12.594, 43.825
Yxy	29.5855, 0.3530, 0.3426
Android (android.graphics.Color)	4289367685 (0xFFAA8E85)
YUV	149.3460, -8.0586, 18.1136
Hunter-Lab	54.3926, 4.8530, 9.4131

Details

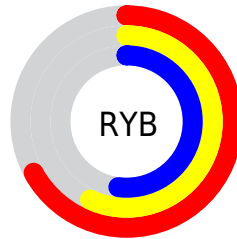
The RGB color **170, 142, 133** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **133, 161, 170**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **226, 196, 186**, and **117, 92, 84** is the 20% darker color. If you saturate the color by 10%, you get **170, 129, 116**, and if you desaturate by 10%, it is **170, 155, 150**.

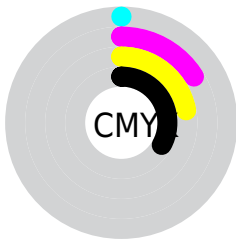
Distribution



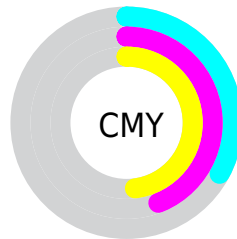
- Red (67%)
- Green (56%)
- Blue (52%)



- Red (67%)
- Yellow (57%)
- Blue (52%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 142, 133 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 RGB color 170, 142, 133 by changing the saturation by 10% instead.


 170, 142, 133

255, 255, 255

 226, 196, 186


 255, 224, 214

 255, 252, 242


 170, 142, 133

 143, 116, 108

 117, 92, 84

 92, 68, 60

 68, 46, 39


 45, 25, 18

 24, 0, 0


 0, 0, 0


 170, 142, 133


 170, 129, 116


 170, 142, 133

 170, 155, 150


 170, 116, 99

 170, 168, 167

 170, 103, 82

 170, 181, 184

 170, 91, 65

 170, 193, 201

 170, 78, 48

 170, 206, 218

 170, 65, 31

 170, 219, 235

 170, 52, 14

 170, 232, 252

 170, 41, 0

 170, 245, 255

 170, 255, 255

Harmonies

Analogous

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



172, 140, 143



170, 142, 133



163, 145, 127

Triad

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



170, 142, 133



127, 154, 141



142, 147, 169

Complementary

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



170, 142, 133



133, 161, 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.



129, 151, 169



170, 142, 133



120, 155, 153

Square

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



170, 142, 133



139, 152, 132



121, 153, 163



156, 144, 164

Rectangle

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



170, 142, 133



156, 148, 126



121, 153, 163



138, 148, 170

Sweetspot

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



170, 142, 133



222, 210, 206



170, 133, 161



112, 105, 103



240, 240, 240



112, 112, 112

Same Dimension

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



170, 142, 133



222, 178, 164



170, 160, 133



84, 78, 76



148, 36, 0



20, 5, 0

Inverse Universe

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



133, 161, 170



164, 208, 222



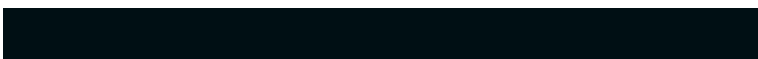
133, 143, 170



76, 82, 84



0, 112, 148



0, 15, 20

Previews

White Background



This preview shows how the RGB color 170, 142, 133 looks on a white background.

Color Contrast Check

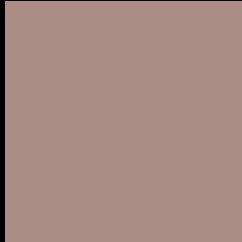
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 170, 142, 133 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](#).

RGB 170, 142, 133 Background



This preview shows how black text looks on a background with the RGB color 170, 142, 133.



This preview shows how white text looks on a background with the RGB color 170, 142, 133.

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
170, 142, 133

Protanopia
154, 148, 136

Deuteranopia
168, 143, 133



Tritanopia
172, 139, 150

Trichromacy



Original Color

170, 142, 133

Protanomaly

160, 146, 135

Deuteranomaly

169, 143, 133

Tritanomaly

171, 140, 144

Monochromacy



Original Color

170, 142, 133

Achromatopsia

149, 149, 149

Achromatomaly

157, 146, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 142, 133 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, 142, 133) looks like.

```
.text, #text, p{  
    color:rgb(170, 142, 133)  
}
```

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, 142, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 142, 133) }
```

Border

The CSS property to change the border of an element to RGB 170, 142, 133 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, 142, 133) }
```

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

```
.border{ border-color:rgb(170, 142, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 142, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 142, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 142, 133);  
box-shadow:4px 4px 4px 4px rgb(170, 142,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 170, 142, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 142, 133) }
```

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

```
.background{ background-color: rgb(170,  
142, 133) }
```

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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