

Converting Colors

`RYB(170, 145, 139)`

Have a look what the booklet for
RYB(170, 145, 139) contains.

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Color

R_YB(170, 145, 139)

Conversions

Conversions Part 1

Format	Color
Hex	AA908B
RGB	170, 144, 139
RGB Percent	67%, 56%, 55%
CMY	0.3333, 0.4352, 0.4549
CMYK	0.00, 0.15, 0.18, 0.33
HSL	10°, 15%, 61%
HSV	10°, 18%, 67%
XYZ	31.2151, 30.3648, 28.6419
YIQ	151.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

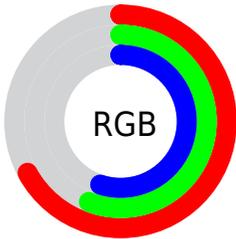
Format	Color
RYB	170, 145, 139
Decimal	11178123
CIELab	61.97, 8.90, 6.28
CIELCh	62, 10.892, 35.205
Yxy	30.3648, 0.3460, 0.3366
Android (android.graphics.Color)	4289368203 (0xFFAA908B)
YUV	151.2040, -6.0166, 16.4841
Hunter-Lab	55.1043, 4.6830, 7.7555

Details

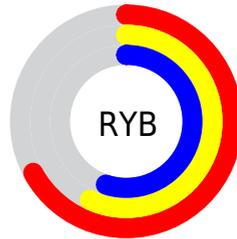
The RYB color **170, 145, 139** is a light color, and the websafe version is hex **999999**. A complement of this color would be **139, 153, 170**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **226, 199, 192**, and **117, 95, 89** is the 20% darker color. If you saturate the color by 10%, you get **170, 132, 122**, and if you desaturate by 10%, it is **170, 158, 156**.

Distribution



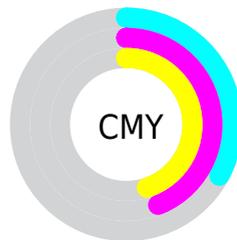
- Red (67%)
- Green (56%)
- Blue (55%)



- Red (67%)
- Yellow (57%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 145, 139 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 170, 145, 139 by changing the saturation by 10% instead.

 170, 145, 139

255, 255, 255

 226, 199, 192

 254, 227, 220

 249, 255, 249

 170, 145, 139

 143, 119, 114

 117, 95, 89

 92, 71, 66

 68, 49, 44

 46, 28, 23

 26, 0, 0

 0, 0, 0

 170, 145, 139

 170, 132, 122

 170, 145, 139

 170, 158, 156

 170, 118, 105

 170, 172, 173

 170, 103, 88

 170, 179, 190

 170, 90, 71

 170, 187, 207

 170, 77, 54

 170, 195, 224

 170, 63, 37

 170, 202, 241

 170, 49, 20

 170, 210, 255

 170, 35, 3

 170, 213, 255

 170, 34, 0

Harmonies

Analogous

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



170, 143, 148



170, 145, 139



165, 155, 133

Triad

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



170, 145, 139



134, 150, 155



142, 148, 169

Complementary

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



170, 145, 139



139, 153, 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.



131, 145, 167



170, 145, 139



127, 143, 156

Square

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



170, 145, 139



134, 153, 142



126, 142, 160



154, 147, 165

Rectangle

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



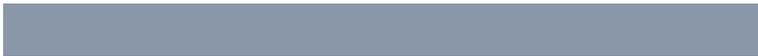
170, 145, 139



149, 159, 131



126, 142, 160



138, 147, 169

Sweetspot

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



170, 145, 139



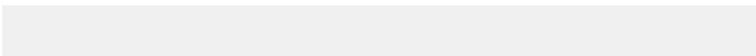
222, 213, 211



170, 139, 165



112, 108, 105



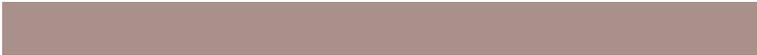
240, 240, 240



112, 112, 112

Same Dimension

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



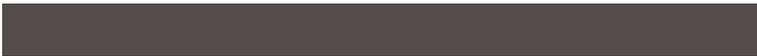
170, 145, 139



222, 183, 173



156, 170, 139



84, 77, 76



148, 29, 0



20, 4, 0

Inverse Universe

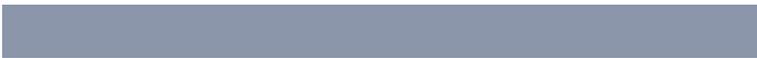
The Inverse Universe completely reimagines the original color for something new.



139, 153, 170



173, 195, 222



139, 147, 170



76, 80, 84



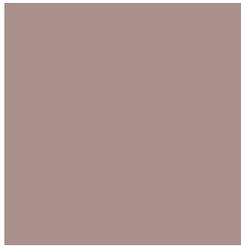
0, 67, 148



0, 9, 20

Previews

White Background



This preview shows how the RYB color 170, 145, 139 looks on a white background.

Color Contrast Check

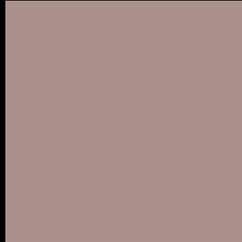
Large Text (above 18pt) WCAG AA × Fail

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 170, 145, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

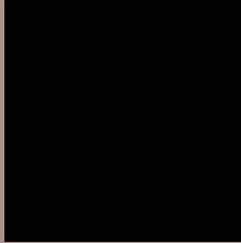
Any Text WCAG AA ✓ Pass

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](#).

RYB 170, 145, 139 Background



This preview shows how black text looks on a background with the RYB color 170, 145, 139.



This preview shows how white text looks on a background with the RYB color 170, 145, 139.

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, 145, 139

Protanopia
151, 154, 142

Deuteranopia
168, 147, 139



Tritanopia
172, 142, 153

Trichromacy



Original Color

170, 145, 139

Protanomaly

160, 150, 141

Deuteranomaly

169, 147, 139

Tritanomaly

171, 143, 148

Monochromacy



Original Color

170, 145, 139

Achromatopsia

151, 151, 151

Achromatomaly

158, 148, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 145, 139 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, 144, 139) looks like.

```
.text, #text, p{  
    color:rgb(170, 144, 139)  
}
```

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, 144, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 144, 139) }
```

Border

The CSS property to change the border of an element to RYB 170, 145, 139 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, 144, 139) }
```

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

```
.border{ border-color:rgb(170, 144, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 144, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 144, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 144, 139); box-shadow:4px 4px 4px 4px rgb(170, 144, 139) }
```

Background

The CSS property to change the background color of an element to RYB 170, 145, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 144, 139) }
```

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

```
.background{ background-color: rgb(170,  
144, 139) }
```

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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