

Converting Colors

`RYB(222, 158, 138)`

Have a look what the booklet for
RYB(222, 158, 138) contains.

RYB(222, 158, 138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(222, 158, 138)

Conversions

Conversions Part 1

Format	Color
Hex	DE9A8A
RGB	222, 154, 138
RGB Percent	87%, 60%, 54%
CMY	0.1294, 0.3955, 0.4588
CMYK	0.00, 0.31, 0.38, 0.13
HSL	12°, 56%, 71%
HSV	12°, 38%, 87%
XYZ	46.2927, 40.5266, 29.4273
YIQ	172.5080, 45.6640, 9.4400

Conversions

Conversions Part 2

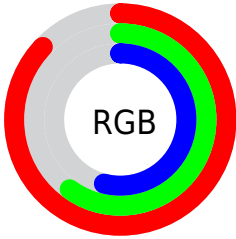
Format	Color
R _Y B	222, 158, 138
Decimal	14588554
CIE Lab	69.84, 23.38, 18.70
CIE LCh	70, 29.938, 38.647
Yxy	40.5266, 0.3982, 0.3486
Android (android.graphics.Color)	4292778634 (0xFFDE9A8A)
YUV	172.5080, -17.0124, 43.4045
Hunter-Lab	63.6605, 18.3958, 17.1553

Details

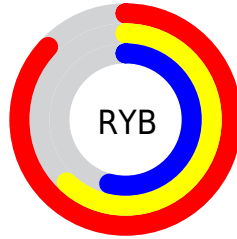
The RYB color **222, 158, 138** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **138, 176, 222**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 216, 191**, and **165, 105, 88** is the 20% darker color. If you saturate the color by 10%, you get **222, 141, 116**, and if you desaturate by 10%, it is **222, 175, 160**.

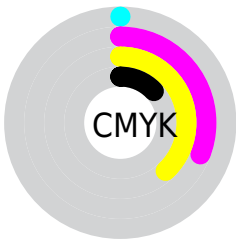
Distribution



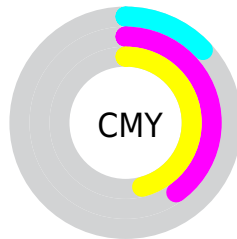
- Red (87%)
- Green (60%)
- Blue (54%)



- Red (87%)
- Yellow (62%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (38%)
- Black (13%)





- Cyan (13%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 158, 138 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 222, 158, 138 by changing the saturation by 10% instead.

 222, 158, 138

 222, 158, 138

255, 255, 255

 193, 131, 113

 255, 216, 191

 165, 107, 88

 255, 255, 219

 137, 81, 65

 248, 255, 248

 110, 57, 42


 84, 34, 22

 59, 11, 0

 36, 0, 1

 0, 0, 0

 222, 158, 138

 222, 158, 138

■ 222, 141, 116

■ 222, 175, 160

■ 222, 124, 94

■ 222, 192, 182

■ 222, 107, 71

■ 222, 209, 205

■ 222, 90, 49

■ 222, 224, 227

■ 222, 74, 27

■ 222, 234, 249

■ 222, 57, 5

■ 222, 239, 255

■ 222, 53, 0

Harmonies

Analogous

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



224, 150, 164



222, 158, 138



207, 199, 121

Triad

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



222, 158, 138



120, 164, 184



147, 165, 224

Complementary

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



222, 158, 138



138, 176, 222

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.



108, 152, 221



222, 158, 138



93, 142, 186

Square

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



222, 158, 138



128, 179, 155



84, 139, 204



185, 161, 213

Rectangle

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



222, 158, 138



149, 191, 116



84, 139, 204



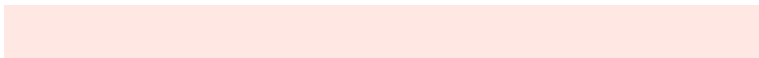
133, 161, 224

Sweetspot

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



222, 158, 138



255, 233, 227



222, 138, 207



128, 115, 111



0, 0, 0



128, 128, 128

Same Dimension

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



222, 158, 138



255, 167, 140



178, 222, 138



112, 103, 101



176, 42, 0



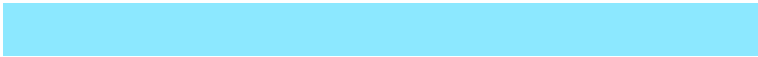
48, 11, 0

Inverse Universe

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



138, 176, 222



140, 191, 255



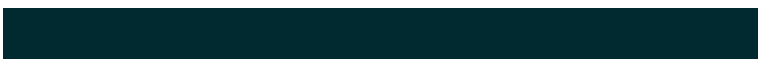
138, 158, 222



101, 106, 112



0, 79, 176



0, 22, 48

Previews

White Background



This preview shows how the RYB color 222, 158, 138 looks on a white background.

Color Contrast Check

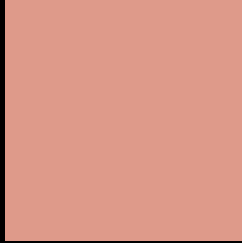
Large Text (above 18pt) WCAG AA × Fail

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 222, 158, 138 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 222, 158, 138 Background



This preview shows how black text looks on a background with the RYB color 222, 158, 138.



This preview shows how white text looks on a background with the RYB color 222, 158, 138.

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
222, 158, 138

Protanopia
158, 180, 146

Deuteranopia
199, 186, 136



Tritanopia
224, 151, 162

Trichromacy



Original Color
222, 158, 138

Protanomaly
195, 181, 143

Deuteranomaly
207, 171, 137

Tritanomaly
223, 152, 153

Monochromacy



Original Color
222, 158, 138

Achromatopsia
173, 173, 173

Achromatomaly
191, 167, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 158, 138 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(222, 154, 138)` looks like.

```
.text, #text, p{  
    color:rgb(222, 154, 138)  
}
```

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(222, 154, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 154, 138) }
```

Border

The CSS property to change the border of an element to RYB 222, 158, 138 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(222, 154, 138) }
```

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

```
.border{ border-color:rgb(222, 154, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 154, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 154, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 154, 138);  
box-shadow:4px 4px 4px 4px rgb(222, 154,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 222, 158, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 154, 138) }
```

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

```
.background{ background-color: rgb(222,  
154, 138) }
```

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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