

Converting Colors

`RYB(238, 198, 186)`

Have a look what the booklet for
RYB(238, 198, 186) contains.

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Color

R_YB(238, 198, 186)

Conversions

Conversions Part 1

Format	Color
Hex	EEC4BA
RGB	238, 196, 186
RGB Percent	93%, 77%, 73%
CMY	0.0667, 0.2324, 0.2706
CMYK	0.00, 0.18, 0.22, 0.07
HSL	11°, 60%, 83%
HSV	11°, 22%, 93%
XYZ	63.8064, 61.0895, 54.8829
YIQ	207.4180, 28.2420, 5.7940

Conversions

Conversions Part 2

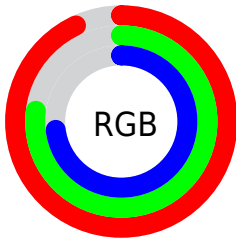
Format	Color
R _Y B	238, 198, 186
Decimal	15647930
CIE Lab	82.43, 13.55, 10.53
CIE LCh	82, 17.162, 37.862
Yxy	61.0895, 0.3549, 0.3398
Android (android.graphics.Color)	4293838010 (0xFFEEC4BA)
YUV	207.4180, -10.5591, 26.8204
Hunter-Lab	78.1598, 8.9405, 13.0791

Details

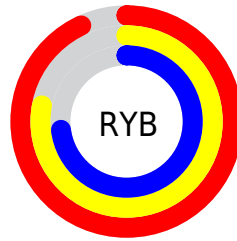
The RYB color **238, 198, 186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **186, 209, 238**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **244, 255, 242**, and **181, 144, 133** is the 20% darker color. If you saturate the color by 10%, you get **238, 179, 162**, and if you desaturate by 10%, it is **238, 216, 210**.

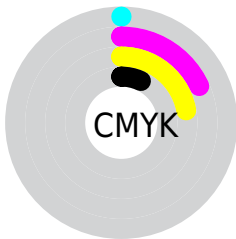
Distribution



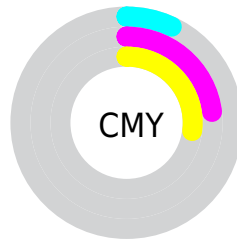
- Red (93%)
- Green (77%)
- Blue (73%)



- Red (93%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 198, 186 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 238, 198, 186 by changing the saturation by 10% instead.


 238, 198, 186

255, 255, 255

 246, 255, 242

 238, 198, 186

 209, 170, 159


 181, 144, 133

 154, 118, 108

 128, 94, 83

 102, 70, 60

 77, 48, 39

 53, 25, 18

 33, 0, 0


 0, 0, 0

 238, 198, 186

 238, 198, 186

 238, 179, 162


 238, 216, 210

 238, 161, 138


 238, 234, 234

 238, 143, 115

 238, 246, 255

 238, 124, 91

 238, 247, 255

 238, 106, 67

 238, 89, 43

 238, 69, 19

 238, 55, 0

Harmonies

Analogous

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



239, 194, 201



238, 198, 186



229, 220, 176

Triad

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



238, 198, 186



178, 203, 213



193, 202, 237

Complementary

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



238, 198, 186



186, 209, 238

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.



174, 197, 234



238, 198, 186



166, 192, 215

Square

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



238, 198, 186



179, 210, 194



164, 191, 224



213, 200, 231

Rectangle

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



238, 198, 186



195, 219, 173



164, 191, 224



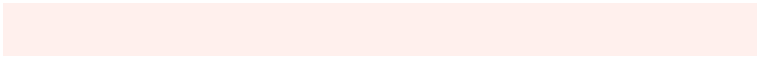
186, 201, 237

Sweetspot

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



238, 198, 186



255, 241, 237



238, 186, 228



128, 119, 117



0, 0, 0



128, 128, 128

Same Dimension

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



238, 198, 186



255, 204, 189



209, 238, 186



120, 110, 108



184, 42, 0



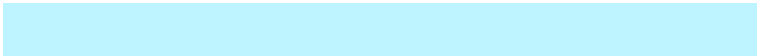
56, 14, 0

Inverse Universe

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



186, 209, 238



189, 219, 255



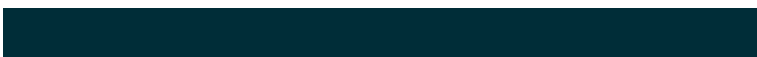
186, 198, 238



108, 113, 120



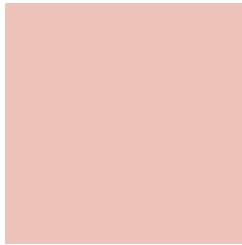
0, 82, 184



0, 25, 56

Previews

White Background



This preview shows how the RYB color 238, 198, 186 looks on a white background.

Color Contrast Check

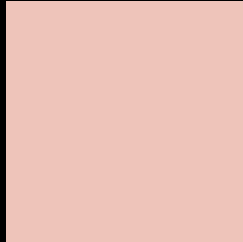
Large Text (above 18pt) WCAG AA × Fail

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 238, 198, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

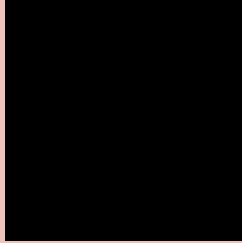
Any Text WCAG AA ✓ Pass

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 238, 198, 186 Background



This preview shows how black text looks on a background with the RYB color 238, 198, 186.

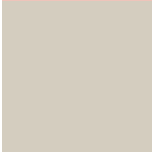



This preview shows how white text looks on a background with the RYB color 238, 198, 186.

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 238, 198, 186
	Protanopia 202, 212, 191
	Deuteranopia 232, 202, 186



Tritanopia
241, 193, 207

Trichromacy



Original Color

238, 198, 186

Protanomaly

221, 211, 189

Deuteranomaly

234, 200, 186

Tritanomaly

240, 194, 199

Monochromacy



Original Color

238, 198, 186

Achromatopsia

207, 207, 207

Achromatomaly

218, 204, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 196, 186 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(238, 196, 186) looks like.

```
.text, #text, p{  
    color:rgb(238, 196, 186)  
}
```

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(238, 196, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 196, 186) }
```

Border

The CSS property to change the border of an element to RYB 238, 198, 186 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(238, 196, 186) }
```

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

```
.border{ border-color:rgb(238, 196, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 196, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 196, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 196, 186);  
box-shadow:4px 4px 4px 4px rgb(238, 196,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 238, 198, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 196, 186) }
```

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

```
.background{ background-color: rgb(238,  
196, 186) }
```

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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