

Converting Colors

`RYB(242, 184, 158)`

Have a look what the booklet for
RYB(242, 184, 158) contains.

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Color

R_YB(242, 184, 158)

Conversions

Conversions Part 1

Format	Color
Hex	F2B29E
RGB	242, 178, 158
RGB Percent	95%, 70%, 62%
CMY	0.0510, 0.3025, 0.3804
CMYK	0.00, 0.27, 0.35, 0.05
HSL	14°, 76%, 78%
HSV	14°, 35%, 95%
XYZ	58.6810, 53.1288, 39.5098
YIQ	194.8560, 44.5640, 7.3480

Conversions

Conversions Part 2

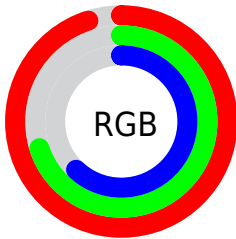
Format	Color
R _Y B	242, 184, 158
Decimal	15905438
CIE Lab	77.95, 20.79, 19.33
CIE LCh	78, 28.390, 42.919
Yxy	53.1288, 0.3878, 0.3511
Android (android.graphics.Color)	4294095518 (0xFFF2B29E)
YUV	194.8560, -18.1700, 41.3453
Hunter-Lab	72.8895, 16.1479, 18.8845

Details

The RYB color **242, 184, 158** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **158, 194, 242**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 255, 213**, and **184, 130, 107** is the 20% darker color. If you saturate the color by 10%, you get **242, 167, 134**, and if you desaturate by 10%, it is **242, 200, 182**.

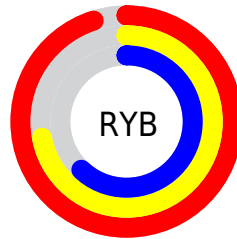
Distribution



Red (95%)

Green (70%)

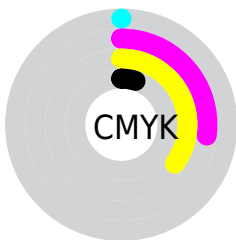
Blue (62%)



Red (95%)

Yellow (72%)

Blue (62%)

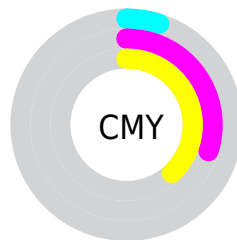


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (5%)



Cyan (5%)


Magenta (30%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 184, 158 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 242, 184, 158 by changing the saturation by 10% instead.


 242, 184, 158

255, 255, 255

 255, 255, 213

 241, 255, 241

 242, 184, 158

 213, 157, 132

 184, 130, 107

 156, 106, 82

 129, 80, 59

 102, 57, 37

 76, 34, 17

 51, 9, 0

 25, 0, 1

 0, 0, 0

■ 242, 184, 158

■ 242, 184, 158

■ 242, 167, 134

■ 242, 200, 182

■ 242, 151, 110

■ 242, 218, 206

■ 242, 133, 85

■ 242, 233, 231

■ 242, 117, 61

■ 242, 248, 255

■ 242, 100, 37

■ 242, 249, 255

■ 242, 84, 13

■ 242, 75, 0

Harmonies

Analogous

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



246, 174, 182



242, 184, 158



217, 225, 143

Triad

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



242, 184, 158



141, 183, 206



176, 188, 244

Complementary

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



242, 184, 158



158, 194, 242

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.



140, 178, 242



242, 184, 158



119, 165, 208

Square

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



242, 184, 158



154, 202, 185



116, 166, 228



211, 182, 231

Rectangle

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



242, 184, 158



163, 209, 140



116, 166, 228



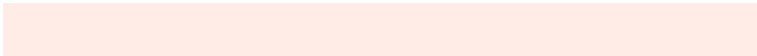
164, 186, 245

Sweetspot

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



242, 184, 158



255, 238, 230



242, 158, 222



128, 117, 112



0, 0, 0



128, 128, 128

Same Dimension

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



242, 184, 158



255, 181, 148



188, 242, 158



120, 112, 108



184, 56, 0



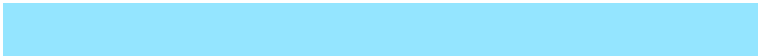
56, 17, 0

Inverse Universe

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



158, 194, 242



148, 194, 255



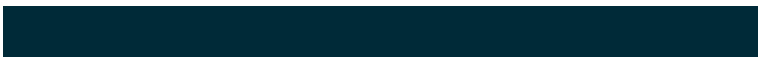
158, 175, 242



108, 113, 120



0, 80, 184



0, 24, 56

Previews

White Background



This preview shows how the RYB color 242, 184, 158 looks on a white background.

Color Contrast Check

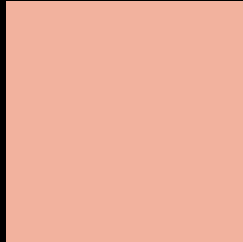
Large Text (above 18pt) WCAG AA × Fail

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 242, 184, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

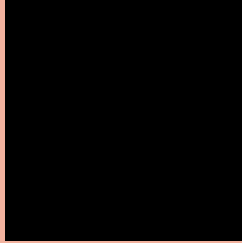
Any Text WCAG AA ✓ Pass

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 242, 184, 158 Background



This preview shows how black text looks on a background with the RYB color 242, 184, 158.



This preview shows how white text looks on a background with the RYB color 242, 184, 158.

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
242, 184, 158

Protanopia
179, 203, 165

Deuteranopia
224, 205, 157



Tritanopia
245, 174, 187

Trichromacy



Original Color
242, 184, 158

Protanomaly
217, 208, 162

Deuteranomaly
231, 195, 157

Tritanomaly
244, 175, 176

Monochromacy



Original Color
242, 184, 158

Achromatopsia
195, 195, 195

Achromatomaly
212, 191, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 184, 158 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(242, 178, 158)` looks like.

```
.text, #text, p{  
    color:rgb(242, 178, 158)  
}
```

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(242, 178, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 178, 158) }
```

Border

The CSS property to change the border of an element to RYB 242, 184, 158 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(242, 178, 158) }
```

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

```
.border{ border-color:rgb(242, 178, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 178, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 178, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 178, 158);  
box-shadow:4px 4px 4px 4px rgb(242, 178,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 242, 184, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 178, 158) }
```

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

```
.background{ background-color: rgb(242,  
178, 158) }
```

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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