

Converting Colors

`RYB(243, 218, 158)`

Have a look what the booklet for
RYB(243, 218, 158) contains.

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Color

R_YB(243, 218, 158)

Conversions

Conversions Part 1

Format	Color
Hex	F3C19E
RGB	243, 193, 158
RGB Percent	95%, 76%, 62%
CMY	0.0471, 0.2425, 0.3804
CMYK	0.00, 0.21, 0.35, 0.05
HSL	25°, 78%, 79%
HSV	25°, 35%, 95%
XYZ	62.2418, 59.7395, 40.5981
YIQ	203.9600, 41.0350, -0.2850

Conversions

Conversions Part 2

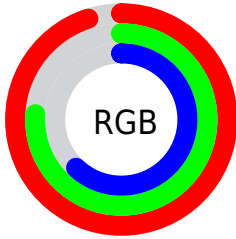
Format	Color
R_{YB}	243, 218, 158
Decimal	15974814
CIE _{Lab}	81.70, 13.09, 24.49
CIE _{LCh}	82, 27.770, 61.878
Yxy	59.7395, 0.3828, 0.3674
Android (android.graphics.Color)	4294164894 (0xFFFF3C19E)
YUV	203.9600, -22.6583, 34.2381
Hunter-Lab	77.2913, 8.4841, 22.9612

Details

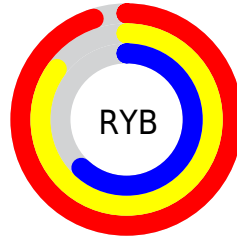
The RYB color **243, 218, 158** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **158, 189, 243**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **220, 255, 213**, and **185, 163, 106** is the 20% darker color. If you saturate the color by 10%, you get **243, 211, 134**, and if you desaturate by 10%, it is **243, 224, 182**.

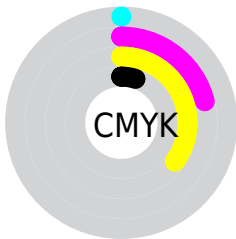
Distribution



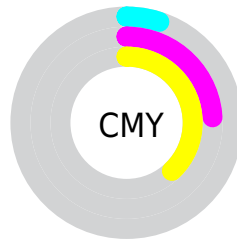
- Red (95%)
- Green (76%)
- Blue (62%)



- Red (95%)
- Yellow (85%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 218, 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 243, 218, 158 by changing the saturation by 10% instead.


 243, 218, 158

255, 255, 255


 219, 255, 213

 241, 255, 241

 243, 218, 158

 214, 190, 132

 185, 166, 106

 158, 137, 82

 130, 111, 59

 104, 90, 36

 78, 69, 15

 54, 40, 0

 30, 0, 0

 0, 0, 0

 243, 218, 158


 243, 218, 158

 243, 211, 134


 243, 224, 182

 243, 205, 109


 243, 233, 207

 243, 195, 85


 243, 240, 231

 243, 189, 61

 243, 247, 255

 243, 182, 37

 243, 249, 255

 243, 176, 12

 243, 173, 0

Harmonies

Analogous

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



255, 187, 177



243, 218, 158



177, 221, 151

Triad

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



243, 218, 158



137, 181, 218



209, 196, 247

Complementary

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



243, 218, 158



158, 189, 243

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, 196, 255



243, 218, 158



127, 175, 230

Square

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



243, 218, 158



163, 203, 215



141, 184, 248



238, 188, 228

Rectangle

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



243, 218, 158



154, 207, 159



141, 184, 248



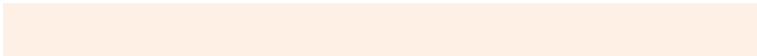
198, 199, 251

Sweetspot

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



243, 218, 158



255, 247, 230



243, 158, 209



128, 124, 112



0, 0, 0



128, 128, 128

Same Dimension

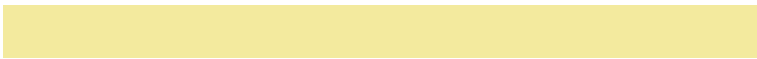
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243, 218, 158



255, 223, 148



168, 243, 158



122, 119, 110



186, 131, 0



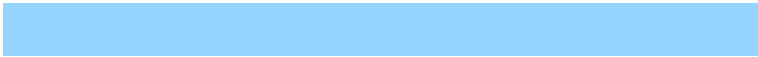
59, 40, 0

Inverse Universe

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



158, 189, 243



148, 188, 255



158, 165, 243



110, 114, 122



0, 69, 186



0, 22, 59

Previews

White Background



This preview shows how the RYB color 243, 218, 158 looks on a white background.

Color Contrast Check

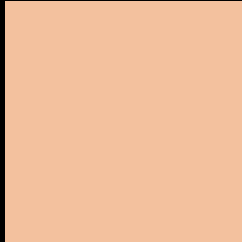
Large Text (above 18pt) WCAG AA × Fail

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 243, 218, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

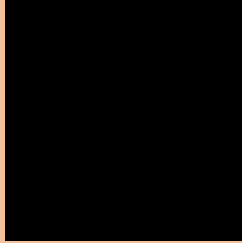
Any Text WCAG AA ✓ Pass

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](#).

R Y B 243, 218, 158 Background



This preview shows how black text looks on a background with the RYB color 243, 218, 158.



This preview shows how white text looks on a background with the RYB color 243, 218, 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
243, 218, 158

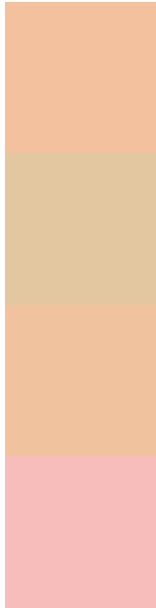
Protanopia
180, 216, 163

Deuteranopia
238, 227, 158



Tritanopia
248, 187, 202

Trichromacy



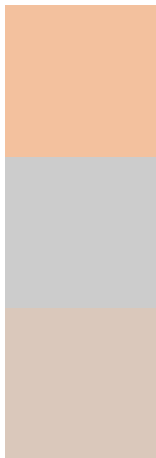
Original Color
243, 218, 158

Protanomaly
207, 226, 161

Deuteranomaly
240, 222, 158

Tritanomaly
246, 189, 186

Monochromacy



Original Color
243, 218, 158

Achromatopsia
204, 204, 204

Achromatomaly
218, 209, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 218, 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(243, 193, 158)` looks like.

```
.text, #text, p{  
    color:rgb(243, 193, 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(243, 193, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 193, 158) }
```

Border

The CSS property to change the border of an element to RYB 243, 218, 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(243, 193, 158) }
```

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

```
.border{ border-color:rgb(243, 193, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 193, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 193, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 193, 158); box-shadow:4px 4px 4px 4px rgb(243, 193, 158) }
```

Background

The CSS property to change the background color of an element to RGB 243, 193, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 193, 158) }
```

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

```
.background{ background-color: rgb(243,  
193, 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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