

Converting Colors

`RYB(243, 218, 162)`

Have a look what the booklet for
RYB(243, 218, 162) contains.

RYB(243, 218, 162)	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(243, 218, 162)

Conversions

Conversions Part 1

Format	Color
Hex	F3C3A2
RGB	243, 195, 162
RGB Percent	95%, 76%, 64%
CMY	0.0471, 0.2349, 0.3647
CMYK	0.00, 0.20, 0.33, 0.05
HSL	25°, 77%, 79%
HSV	25°, 33%, 95%
XYZ	63.0234, 60.7426, 42.5852
YIQ	205.5900, 39.2010, -0.0870

Conversions

Conversions Part 2

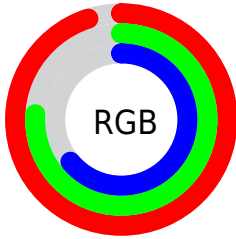
Format	Color
R _Y B	243, 218, 162
Decimal	15975330
CIE Lab	82.24, 12.56, 23.12
CIE LCh	82, 26.308, 61.494
Yxy	60.7426, 0.3789, 0.3651
Android (android.graphics.Color)	4294165410 (0xFFFF3C3A2)
YUV	205.5900, -21.4899, 32.8086
Hunter-Lab	77.9376, 7.9514, 22.1601

Details

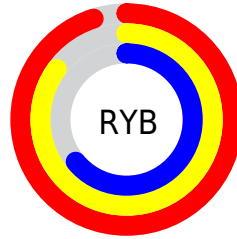
The RYB color **243, 218, 162** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **162, 192, 243**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **220, 255, 217**, and **186, 162, 110** is the 20% darker color. If you saturate the color by 10%, you get **243, 211, 138**, and if you desaturate by 10%, it is **243, 225, 186**.

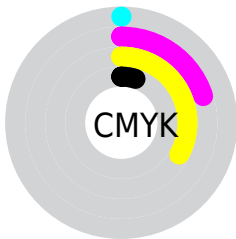
Distribution



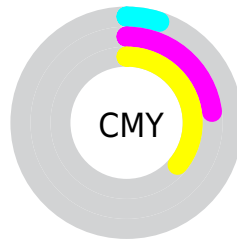
- Red (95%)
- Green (76%)
- Blue (64%)



- Red (95%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (5%)



- Cyan (5%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 218, 162 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, 162 by changing the saturation by 10% instead.


 243, 218, 162

255, 255, 255


 220, 255, 217


 246, 255, 246

 243, 218, 162

 214, 190, 136

 186, 162, 110

 158, 137, 86

 131, 112, 62

 104, 90, 40

 78, 65, 19

 54, 43, 0

 31, 0, 0

 0, 0, 0

■ 243, 218, 162

■ 243, 218, 162

■ 243, 211, 138

■ 243, 225, 186

■ 243, 202, 113

■ 243, 233, 211

■ 243, 196, 89

■ 243, 240, 235

■ 243, 189, 65

■ 243, 248, 255

■ 243, 179, 41

■ 243, 249, 255

■ 243, 174, 16

■ 243, 167, 0

Harmonies

Analogous

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



254, 190, 180



243, 218, 162



182, 222, 155

Triad

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



243, 218, 162



143, 185, 219



210, 198, 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, 162



162, 192, 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.



177, 198, 253



243, 218, 162



134, 179, 229

Square

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



243, 218, 162



167, 206, 216



147, 187, 247



238, 190, 229

Rectangle

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



243, 218, 162



158, 209, 163



147, 187, 247



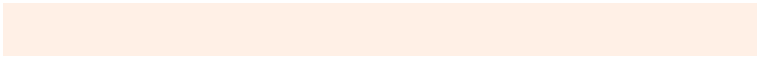
199, 201, 250

Sweetspot

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



243, 218, 162



255, 247, 230



243, 162, 211



128, 122, 112



0, 0, 0



128, 128, 128

Same Dimension

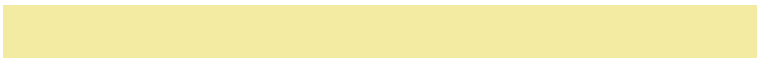
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243, 218, 162



255, 224, 153



171, 243, 162



122, 119, 110



186, 129, 0



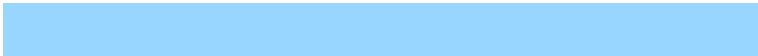
59, 40, 0

Inverse Universe

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



162, 192, 243



153, 191, 255



162, 169, 243



110, 114, 122



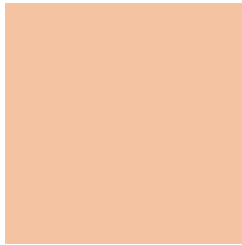
0, 69, 186



0, 22, 59

Previews

White Background



This preview shows how the RYB color 243, 218, 162 looks on a white background.

Color Contrast Check

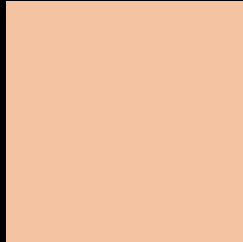
Large Text (above 18pt) WCAG AA × Fail

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, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

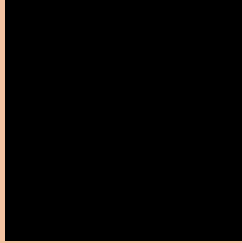
Any Text WCAG AA ✓ Pass

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, 162 Background



This preview shows how black text looks on a background with the RYB color 243, 218, 162.

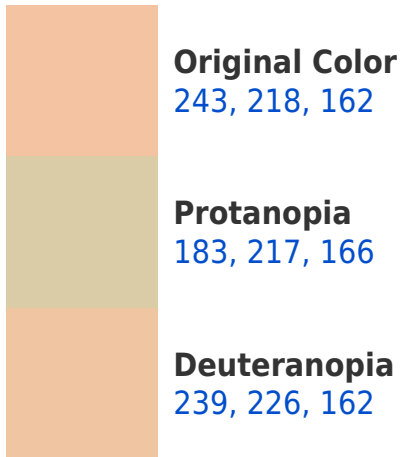



This preview shows how white text looks on a background with the RYB color 243, 218, 162.

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





Tritanopia
247, 189, 204

Trichromacy



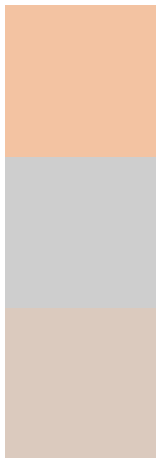
Original Color
243, 218, 162

Protanomaly
207, 226, 165

Deuteranomaly
240, 222, 162

Tritanomaly
246, 191, 189

Monochromacy



Original Color
243, 218, 162

Achromatopsia
206, 206, 206

Achromatomaly
219, 210, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 218, 162 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, 195, 162) looks like.

```
.text, #text, p{  
    color:rgb(243, 195, 162)  
}
```

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, 195, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 162) }
```

Border

The CSS property to change the border of an element to RYB 243, 218, 162 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, 195, 162) }
```

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

```
.border{ border-color:rgb(243, 195, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 195, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 195, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 195, 162);  
box-shadow:4px 4px 4px 4px rgb(243, 195,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 243, 195, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 195, 162) }
```

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

```
.background{ background-color: rgb(243,  
195, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor