

Converting Colors

`RYB(242, 204, 163)`

Have a look what the booklet for
RYB(242, 204, 163) contains.

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Color

R_YB(242, 204, 163)

Conversions

Conversions Part 1

Format	Color
Hex	F2BEA3
RGB	242, 190, 163
RGB Percent	95%, 75%, 64%
CMY	0.0510, 0.2549, 0.3608
CMYK	0.00, 0.21, 0.33, 0.05
HSL	21°, 75%, 79%
HSV	21°, 33%, 95%
XYZ	61.6405, 58.3449, 42.6632
YIQ	202.4700, 39.6590, 2.6270

Conversions

Conversions Part 2

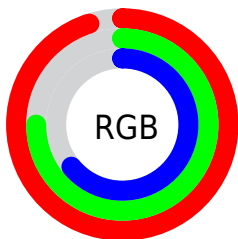
Format	Color
RYB	242, 204, 163
Decimal	15908515
CIELab	80.93, 14.99, 20.77
CIElCh	81, 25.614, 54.183
Yxy	58.3449, 0.3790, 0.3587
Android (android.graphics.Color)	4294098595 (0xFFFF2BEA3)
YUV	202.4700, -19.4587, 34.6678
Hunter-Lab	76.3838, 10.3748, 20.3530

Details

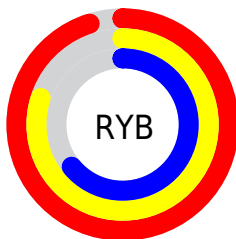
The RYB color **242, 204, 163** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **163, 194, 242**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **230, 255, 218**, and **185, 151, 111** is the 20% darker color. If you saturate the color by 10%, you get **242, 192, 139**, and if you desaturate by 10%, it is **242, 216, 187**.

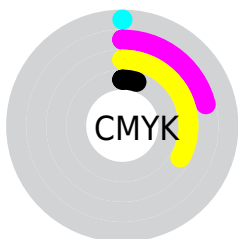
Distribution



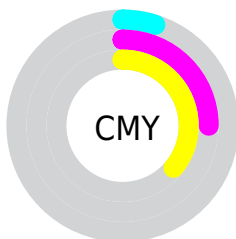
- Red (95%)
- Green (75%)
- Blue (64%)



- Red (95%)
- Yellow (80%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 204, 163 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, 204, 163 by changing the saturation by 10% instead.

 242, 204, 163

255, 255, 255

 230, 255, 218

 247, 255, 247

 242, 204, 163

 213, 177, 137

 185, 151, 111

 157, 124, 87

 130, 100, 63

 103, 75, 41

 78, 53, 20

 54, 32, 0

 31, 0, 0

 0, 0, 0

■ 242, 204, 163

■ 242, 204, 163

■ 242, 192, 139

■ 242, 216, 187

■ 242, 180, 115

■ 242, 228, 211

■ 242, 169, 90

■ 242, 239, 236

■ 242, 157, 66

■ 242, 248, 255

■ 242, 145, 42

■ 242, 249, 255

■ 242, 133, 18

■ 242, 126, 0

Harmonies

Analogous

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



250, 185, 182



242, 204, 163



193, 223, 154

Triad

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



242, 204, 163



146, 186, 214



199, 196, 244

Complementary

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



242, 204, 163



163, 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.



166, 192, 248



242, 204, 163



133, 175, 220

Square

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



242, 204, 163



171, 210, 211



140, 181, 239



227, 189, 229

Rectangle

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



242, 204, 163



158, 207, 154



140, 181, 239



188, 197, 247

Sweetspot

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



242, 204, 163



255, 242, 230



242, 163, 216



128, 119, 112



0, 0, 0



128, 128, 128

Same Dimension

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



242, 204, 163



255, 208, 156



179, 242, 163



120, 114, 108



184, 96, 0



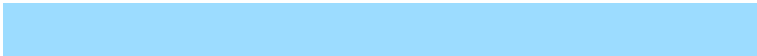
56, 29, 0

Inverse Universe

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



163, 194, 242



156, 195, 255



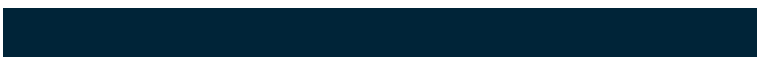
163, 174, 242



108, 113, 120



0, 73, 184



0, 22, 56

Previews

White Background



This preview shows how the RYB color 242, 204, 163 looks on a white background.

Color Contrast Check

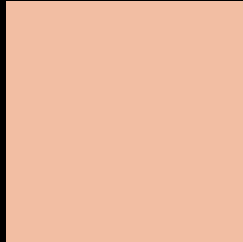
Large Text (above 18pt) WCAG AA × Fail

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, 204, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

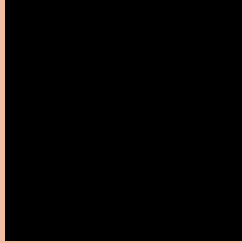
Any Text WCAG AA ✓ Pass

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, 204, 163 Background



This preview shows how black text looks on a background with the RYB color 242, 204, 163.







This preview shows how white text looks on a background with the RYB color 242, 204, 163.

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](#).

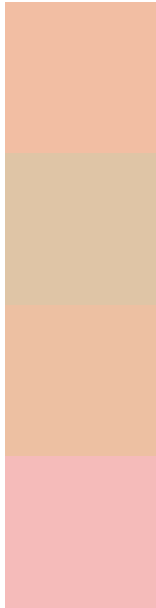
Dichromacy

	Original Color 242, 204, 163
	Protanopia 183, 212, 168
	Deuteranopia 234, 216, 162



Tritanopia
246, 185, 199

Trichromacy



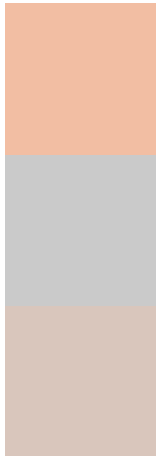
Original Color
242, 204, 163

Protanomaly
214, 223, 166

Deuteranomaly
237, 212, 162

Tritanomaly
245, 187, 186

Monochromacy



Original Color
242, 204, 163

Achromatopsia
202, 202, 202

Achromatomaly
217, 203, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 204, 163 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, 190, 163)` looks like.

```
.text, #text, p{  
    color:rgb(242, 190, 163)  
}
```

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, 190, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 190, 163) }
```

Border

The CSS property to change the border of an element to RYB 242, 204, 163 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, 190, 163) }
```

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

```
.border{ border-color:rgb(242, 190, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 190, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 190, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 190, 163); box-shadow:4px 4px 4px 4px rgb(242, 190, 163) }
```

Background

The CSS property to change the background color of an element to RYB 242, 204, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 190, 163) }
```

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

```
.background{ background-color: rgb(242,  
190, 163) }
```

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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