

Converting Colors

`RYB(242, 192, 155)`

Have a look what the booklet for
RYB(242, 192, 155) contains.

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Color

R_YB(242, 192, 155)

Conversions

Conversions Part 1

Format	Color
Hex	F2B59B
RGB	242, 181, 155
RGB Percent	95%, 71%, 61%
CMY	0.0510, 0.2904, 0.3922
CMYK	0.00, 0.25, 0.36, 0.05
HSL	18°, 77%, 78%
HSV	18°, 36%, 95%
XYZ	59.0500, 54.2752, 38.3742
YIQ	196.2750, 44.7020, 4.8460

Conversions

Conversions Part 2

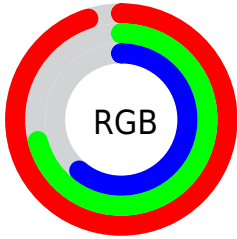
Format	Color
RYB	242, 192, 155
Decimal	15906203
CIELab	78.62, 18.79, 21.87
CIElCh	79, 28.832, 49.332
Yxy	54.2752, 0.3893, 0.3578
Android (android.graphics.Color)	4294096283 (0xFFFF2B59B)
YUV	196.2750, -20.3486, 40.1008
Hunter-Lab	73.6717, 14.1476, 20.6871

Details

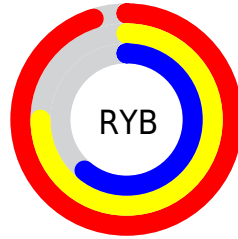
The RYB color **242, 192, 155** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **155, 191, 242**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **240, 255, 210**, and **184, 138, 104** is the 20% darker color. If you saturate the color by 10%, you get **242, 178, 131**, and if you desaturate by 10%, it is **242, 206, 179**.

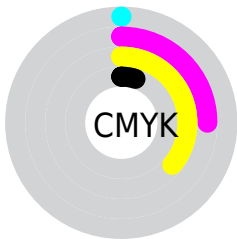
Distribution



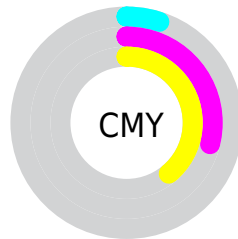
- Red (95%)
- Green (71%)
- Blue (61%)



- Red (95%)
- Yellow (75%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (36%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 192, 155 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, 192, 155 by changing the saturation by 10% instead.

 242, 192, 155

 242, 192, 155

255, 255, 255

 213, 165, 129

 240, 255, 210

 184, 138, 104

 238, 255, 238

 156, 114, 79

 129, 87, 56

 102, 64, 34

 76, 42, 13

 51, 16, 0

 26, 0, 1

 0, 0, 0

■ 242, 192, 155

■ 242, 192, 155

■ 242, 178, 131

■ 242, 206, 179

■ 242, 164, 107

■ 242, 220, 203

■ 242, 151, 82

■ 242, 234, 228

■ 242, 136, 58

■ 242, 246, 252

■ 242, 122, 34

■ 242, 249, 255

■ 242, 108, 10

■ 242, 102, 0

Harmonies

Analogous

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



249, 176, 178



242, 192, 155



198, 223, 142

Triad

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



242, 192, 155



136, 180, 209



186, 191, 245

Complementary

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



242, 192, 155



155, 191, 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.



148, 182, 247



242, 192, 155



116, 163, 211

Square

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



242, 192, 155



159, 205, 199



120, 169, 234



220, 182, 230

Rectangle

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



242, 192, 155



154, 206, 142



120, 169, 234



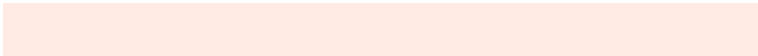
173, 189, 247

Sweetspot

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



242, 192, 155



255, 238, 227



242, 155, 217



128, 118, 111



0, 0, 0



128, 128, 128

Same Dimension

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



242, 192, 155



255, 192, 145



179, 242, 155



120, 112, 108



184, 78, 0



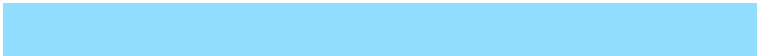
56, 24, 0

Inverse Universe

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



155, 191, 242



145, 190, 255



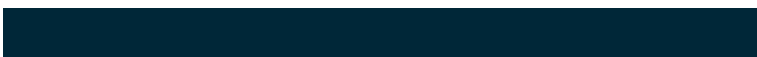
155, 171, 242



108, 113, 120



0, 76, 184



0, 23, 56

Previews

White Background



This preview shows how the RYB color 242, 192, 155 looks on a white background.

Color Contrast Check

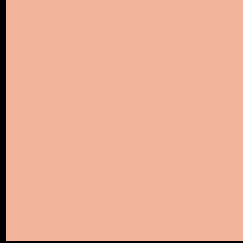
Large Text (above 18pt) WCAG AA × Fail

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, 192, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

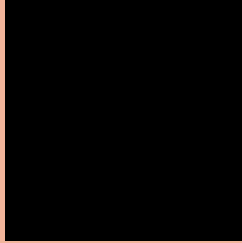
Any Text WCAG AA ✓ Pass

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, 192, 155 Background



This preview shows how black text looks on a background with the RYB color 242, 192, 155.

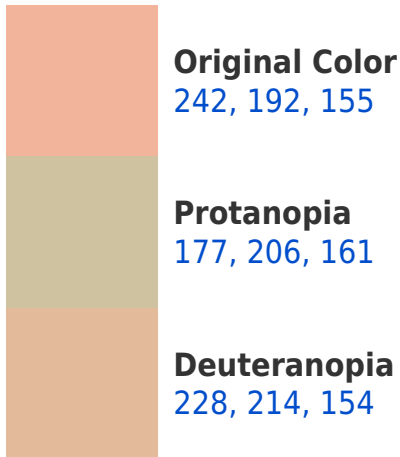



This preview shows how white text looks on a background with the RYB color 242, 192, 155.

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](#).

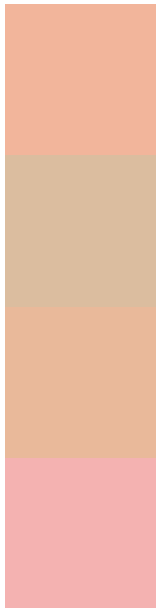
Dichromacy





Tritanopia
245, 176, 190

Trichromacy



Original Color
242, 192, 155

Protanomaly
219, 219, 159

Deuteranomaly
233, 205, 154

Tritanomaly
244, 178, 177

Monochromacy



Original Color
242, 192, 155

Achromatopsia
196, 196, 196

Achromatomaly
213, 196, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 192, 155 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, 181, 155)` looks like.

```
.text, #text, p{  
    color:rgb(242, 181, 155)  
}
```

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, 181, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 181, 155) }
```

Border

The CSS property to change the border of an element to RYB 242, 192, 155 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, 181, 155) }
```

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

```
.border{ border-color:rgb(242, 181, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 181, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 181, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 181, 155);  
box-shadow:4px 4px 4px 4px rgb(242, 181,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 242, 192, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 181, 155) }
```

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

```
.background{ background-color: rgb(242,  
181, 155) }
```

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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