

Converting Colors

`RYB(242, 221, 142)`

Have a look what the booklet for
RYB(242, 221, 142) contains.

RYB(242, 221, 142)	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(242, 221, 142)

Conversions

Conversions Part 1

Format	Color
Hex	F2BA8E
RGB	242, 186, 142
RGB Percent	95%, 73%, 56%
CMY	0.0510, 0.2701, 0.4431
CMYK	0.00, 0.23, 0.41, 0.05
HSL	26°, 79%, 75%
HSV	26°, 41%, 95%
XYZ	59.0876, 56.0046, 33.2869
YIQ	197.7280, 47.5000, -1.8120

Conversions

Conversions Part 2

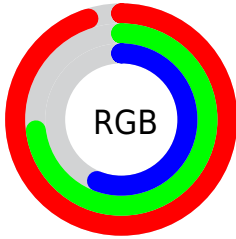
Format	Color
R _Y B	242, 221, 142
Decimal	15907470
CIE Lab	79.62, 14.59, 30.12
CIE LCh	80, 33.473, 64.154
Yxy	56.0046, 0.3982, 0.3774
Android (android.graphics.Color)	4294097550 (0xFFFF2BA8E)
YUV	197.7280, -27.4739, 38.8265
Hunter-Lab	74.8362, 9.9729, 26.0133

Details

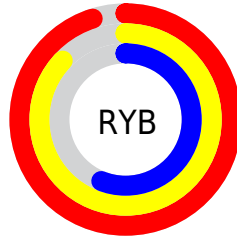
The RYB color **242, 221, 142** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **142, 178, 242**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **213, 255, 196**, and **184, 168, 91** is the 20% darker color. If you saturate the color by 10%, you get **242, 217, 118**, and if you desaturate by 10%, it is **242, 228, 166**.

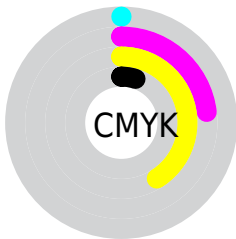
Distribution



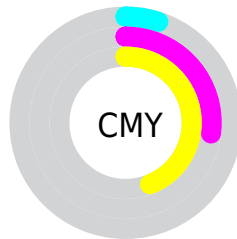
- Red (95%)
- Green (73%)
- Blue (56%)



- Red (95%)
- Yellow (87%)
- Blue (56%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 221, 142 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, 221, 142 by changing the saturation by 10% instead.

 242, 221, 142

 242, 221, 142

255, 255, 255

 213, 193, 116

 213, 255, 196


 184, 168, 91

 224, 255, 224

 156, 143, 67

253, 255, 253

 128, 117, 44

 101, 95, 22

 73, 75, 0

 50, 26, 0

 26, 0, 1


 0, 0, 0

 242, 221, 142


 242, 221, 142

 242, 217, 118


 242, 228, 166

 242, 210, 94


 242, 231, 190

 242, 208, 69

 242, 237, 215

 242, 201, 45

 242, 241, 239

 242, 197, 21

 242, 248, 255

 242, 192, 0

 242, 249, 255

Harmonies

Analogous

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



255, 179, 164



242, 221, 142



158, 215, 135

Triad

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



242, 221, 142



111, 167, 215



207, 188, 249

Complementary

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



242, 221, 142



142, 178, 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.



163, 189, 255



242, 221, 142



97, 159, 231

Square

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



242, 221, 142



145, 194, 212



119, 172, 253



241, 178, 225

Rectangle

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



242, 221, 142



140, 203, 150



119, 172, 253



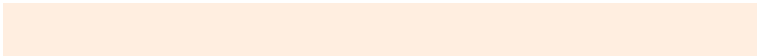
193, 191, 254

Sweetspot

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



242, 221, 142



255, 250, 224



242, 142, 199



128, 124, 110



0, 0, 0



128, 128, 128

Same Dimension

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



242, 221, 142



255, 228, 128



150, 242, 142



120, 117, 108



184, 145, 0



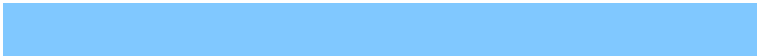
56, 45, 0

Inverse Universe

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



142, 178, 242



128, 174, 255



142, 149, 242



108, 112, 120



0, 66, 184



0, 20, 56

Previews

White Background



This preview shows how the RYB color 242, 221, 142 looks on a white background.

Color Contrast Check

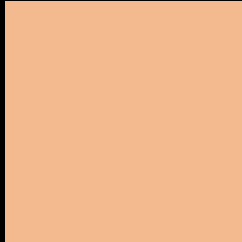
Large Text (above 18pt) WCAG AA × Fail

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, 221, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

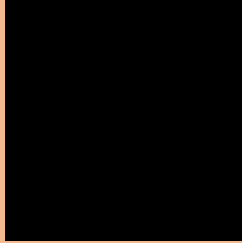
Any Text WCAG AA ✓ Pass

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, 221, 142 Background



This preview shows how black text looks on a background with the RYB color 242, 221, 142.



This preview shows how white text looks on a background with the RYB color 242, 221, 142.

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, 221, 142

Protanopia
167, 212, 147

Deuteranopia
231, 235, 141



Tritanopia
247, 179, 193

Trichromacy



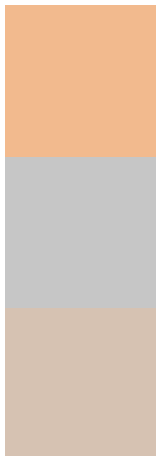
Original Color
242, 221, 142

Protanomaly
194, 223, 145

Deuteranomaly
238, 232, 141

Tritanomaly
245, 183, 174

Monochromacy



Original Color
242, 221, 142

Achromatopsia
198, 198, 198

Achromatomaly
214, 207, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 221, 142 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, 186, 142) looks like.

```
.text, #text, p{  
    color:rgb(242, 186, 142)  
}
```

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, 186, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 186, 142) }
```

Border

The CSS property to change the border of an element to RYB 242, 221, 142 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, 186, 142) }
```

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

```
.border{ border-color:rgb(242, 186, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 186, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 186, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 186, 142); box-shadow:4px 4px 4px 4px rgb(242, 186, 142) }
```

Background

The CSS property to change the background color of an element to RYB 242, 221, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 186, 142) }
```

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

```
.background{ background-color: rgb(242,  
186, 142) }
```

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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