

Converting Colors

`RYB(243, 230, 128)`

Have a look what the booklet for
RYB(243, 230, 128) contains.

RYB(243, 230, 128)	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, 230, 128)

Conversions

Conversions Part 1

Format	Color
Hex	F3B680
RGB	243, 182, 128
RGB Percent	95%, 71%, 50%
CMY	0.0471, 0.2861, 0.4980
CMYK	0.00, 0.25, 0.47, 0.05
HSL	28°, 83%, 73%
HSV	28°, 47%, 95%
XYZ	57.5977, 54.0918, 27.8271
YIQ	194.0830, 53.6900, -3.8620

Conversions

Conversions Part 2

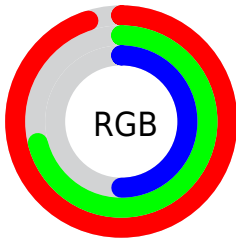
Format	Color
R_{YB}	243, 230, 128
Decimal	15971968
CIE Lab	78.52, 15.72, 36.04
CIE LCh	79, 39.317, 66.429
Yxy	54.0918, 0.4128, 0.3877
Android (android.graphics.Color)	4294162048 (0xFFFF3B680)
YUV	194.0830, -32.5789, 42.9002
Hunter-Lab	73.5471, 11.0832, 29.0501

Details

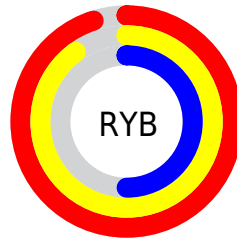
The RYB color **243, 230, 128** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **128, 168, 243**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **203, 255, 181**, and **184, 176, 78** is the 20% darker color. If you saturate the color by 10%, you get **243, 226, 104**, and if you desaturate by 10%, it is **243, 234, 152**.

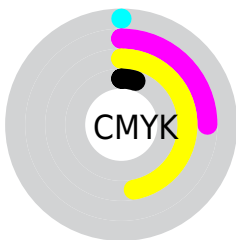
Distribution



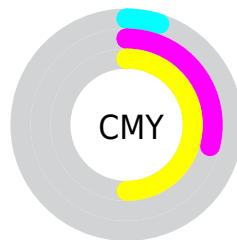
- Red (95%)
- Green (71%)
- Blue (50%)



- Red (95%)
- Yellow (90%)
- Blue (50%)



- Cyan (0%)
- Magenta (25%)
- Yellow (47%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 230, 128 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, 230, 128 by changing the saturation by 10% instead.

 243, 230, 128

 243, 230, 128

255, 255, 255

 213, 203, 102

 203, 255, 181

 184, 176, 78

 209, 255, 209

 156, 152, 54

 238, 255, 238

 126, 128, 31

 88, 101, 6

 74, 66, 0

 48, 20, 0

 21, 0, 0


 0, 0, 0

 243, 230, 128


 243, 230, 128

 243, 226, 104


 243, 234, 152

 243, 224, 79

 243, 235, 177

 243, 220, 55

 243, 239, 201

 243, 220, 31

 243, 243, 225

 243, 217, 7

 243, 245, 249

 243, 215, 0

 243, 249, 255

Harmonies

Analogous

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



255, 175, 153



243, 230, 128



140, 211, 121

Triad

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



243, 230, 128



81, 151, 214



209, 182, 253

Complementary

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



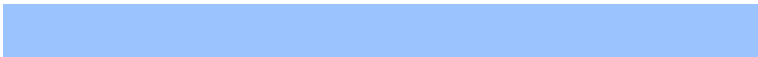
243, 230, 128



128, 168, 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.



155, 184, 255



243, 230, 128



54, 139, 236

Square

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



243, 230, 128



127, 186, 212



95, 161, 255



247, 170, 224

Rectangle

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



243, 230, 128



128, 202, 145



95, 161, 255



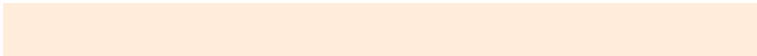
193, 186, 255

Sweetspot

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



243, 230, 128



255, 251, 219



243, 128, 189



128, 124, 106



0, 0, 0



128, 128, 128

Same Dimension

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



243, 230, 128



255, 238, 110



132, 243, 128



122, 122, 110



186, 163, 0



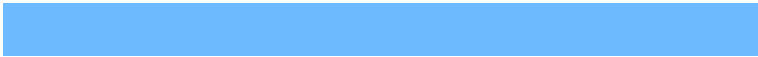
59, 53, 0

Inverse Universe

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



128, 168, 243



110, 160, 255



128, 132, 243



110, 114, 122



0, 65, 186



0, 20, 59

Previews

White Background



This preview shows how the RYB color 243, 230, 128 looks on a white background.

Color Contrast Check

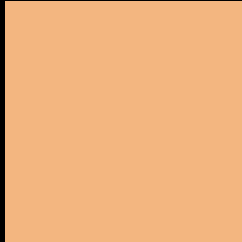
Large Text (above 18pt) WCAG AA × Fail

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, 230, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

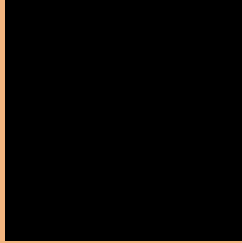
Any Text WCAG AA ✓ Pass

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 243, 230, 128 Background



This preview shows how black text looks on a background with the RYB color 243, 230, 128.


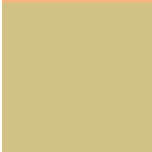




This preview shows how white text looks on a background with the RYB color 243, 230, 128.

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, 230, 128
	Protanopia 155, 211, 133
	Deuteranopia 214, 234, 127



Tritanopia
248, 174, 188

Trichromacy



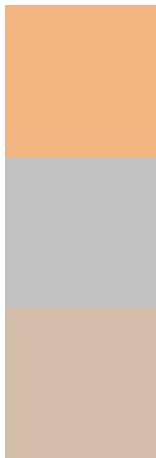
Original Color
243, 230, 128

Protanomaly
182, 223, 131

Deuteranomaly
226, 237, 127

Tritanomaly
246, 179, 166

Monochromacy



Original Color
243, 230, 128

Achromatopsia
194, 194, 194

Achromatomaly
212, 208, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 230, 128 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, 182, 128)` looks like.

```
.text, #text, p{  
    color:rgb(243, 182, 128)  
}
```

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, 182, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 182, 128) }
```

Border

The CSS property to change the border of an element to RYB 243, 230, 128 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, 182, 128) }
```

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

```
.border{ border-color:rgb(243, 182, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 182, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 182, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 182, 128); box-shadow:4px 4px 4px 4px rgb(243, 182, 128) }
```

Background

The CSS property to change the background color of an element to RYB 243, 230, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 182, 128) }
```

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

```
.background{ background-color: rgb(243,  
182, 128) }
```

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