

Converting Colors

`RYB(250, 239, 164)`

Have a look what the booklet for
RYB(250, 239, 164) contains.

RYB(250, 239, 164)	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(250, 239, 164)

Conversions

Conversions Part 1

Format	Color
Hex	FACCA4
RGB	250, 204, 164
RGB Percent	98%, 80%, 64%
CMY	0.0196, 0.1998, 0.3569
CMYK	0.00, 0.18, 0.34, 0.02
HSL	28°, 90%, 81%
HSV	28°, 34%, 98%
XYZ	67.7328, 66.2196, 44.3337
YIQ	213.1940, 40.2560, -2.6880

Conversions

Conversions Part 2

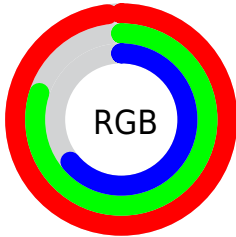
Format	Color
RYB	250, 239, 164
Decimal	16436388
CIELab	85.11, 10.79, 26.09
CIElCh	85, 28.233, 67.524
Yxy	66.2196, 0.3799, 0.3714
Android (android.graphics.Color)	4294626468 (0xFFFACCA4)
YUV	213.1940, -24.2526, 32.2789
Hunter-Lab	81.3754, 6.1674, 24.6613

Details

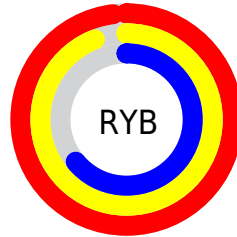
The RYB color **250, 239, 164** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **164, 194, 250**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **219, 255, 219**, and **192, 184, 112** is the 20% darker color. If you saturate the color by 10%, you get **250, 237, 139**, and if you desaturate by 10%, it is **250, 241, 189**.

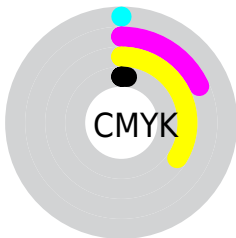
Distribution



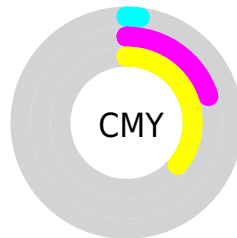
- Red (98%)
- Green (80%)
- Blue (64%)



- Red (98%)
- Yellow (94%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 239, 164 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 250, 239, 164 by changing the saturation by 10% instead.

 250, 239, 164


255, 255, 255

 219, 255, 219

 248, 255, 248

 250, 239, 164

 221, 212, 138

 192, 184, 112

 164, 158, 87

 137, 131, 64

 110, 108, 41

 78, 84, 19

 56, 60, 0

 36, 12, 0

 0, 0, 0

■ 250, 239, 164

■ 250, 239, 164

■ 250, 237, 139

■ 250, 241, 189

■ 250, 231, 114

■ 250, 246, 214

■ 250, 229, 89

■ 250, 248, 239

■ 250, 227, 64

■ 250, 253, 255

■ 250, 222, 39

■ 250, 220, 14

■ 250, 216, 0

Harmonies

Analogous

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



255, 201, 181



250, 239, 164



176, 226, 160

Triad

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



250, 239, 164



142, 187, 228



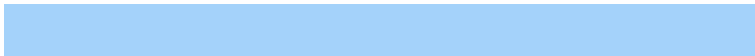
225, 203, 255

Complementary

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



250, 239, 164



164, 194, 250

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.



190, 207, 255



250, 239, 164



136, 185, 244

Square

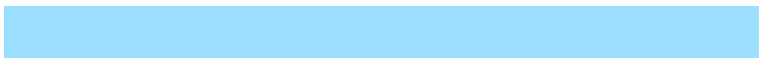
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250, 239, 164



166, 208, 226



155, 195, 255



253, 196, 234

Rectangle

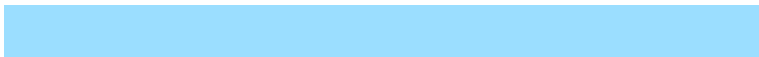
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250, 239, 164



165, 218, 177



155, 195, 255



214, 207, 255

Sweetspot

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



250, 239, 164



255, 250, 230



250, 164, 211



128, 124, 112



0, 0, 0



128, 128, 128

Same Dimension

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



250, 239, 164



255, 242, 150



168, 250, 164



125, 123, 112



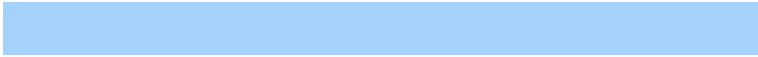
189, 165, 0



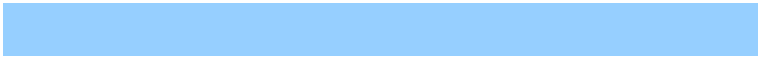
61, 55, 0

Inverse Universe

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



164, 194, 250



150, 187, 255



164, 168, 250



112, 117, 125



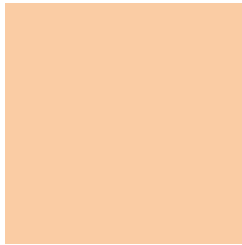
0, 66, 189



0, 21, 61

Previews

White Background



This preview shows how the RYB color 250, 239, 164 looks on a white background.

Color Contrast Check

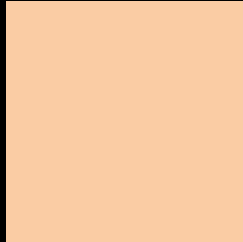
Large Text (above 18pt) WCAG AA × Fail

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 250, 239, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

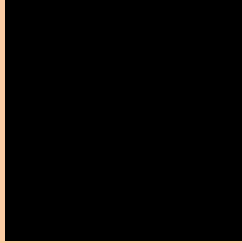
Any Text WCAG AA ✓ Pass

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](#).

RYP 250, 239, 164 Background



This preview shows how black text looks on a background with the RYB color 250, 239, 164.



This preview shows how white text looks on a background with the RYB color 250, 239, 164.

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
250, 239, 164

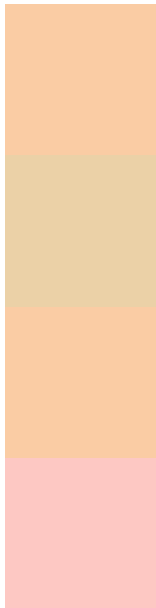
Protanopia
186, 226, 168

Deuteranopia
250, 239, 164



Tritanopia
255, 197, 213

Trichromacy



Original Color

250, 239, 164

Protanomaly

209, 235, 167

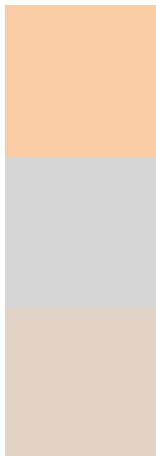
Deuteranomaly

250, 239, 164

Tritanomaly

253, 200, 195

Monochromacy



Original Color

250, 239, 164

Achromatopsia

213, 213, 213

Achromatomaly

226, 224, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 239, 164 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(250, 204, 164)` looks like.

```
.text, #text, p{  
    color:rgb(250, 204, 164)  
}
```

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(250, 204, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 204, 164) }
```

Border

The CSS property to change the border of an element to RYB 250, 239, 164 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(250, 204, 164) }
```

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

```
.border{ border-color:rgb(250, 204, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 204, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 204, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 204, 164);  
box-shadow:4px 4px 4px 4px rgb(250, 204,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 250, 239, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 204, 164) }
```

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

```
.background{ background-color: rgb(250,  
204, 164) }
```

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