

Converting Colors

`RYB(250, 240, 145)`

Have a look what the booklet for
RYB(250, 240, 145) contains.

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Color

$\text{RYB}(250, 240, 145)$

Conversions

Conversions Part 1

Format	Color
Hex	FAC391
RGB	250, 195, 145
RGB Percent	98%, 76%, 57%
CMY	0.0196, 0.2358, 0.4314
CMYK	0.00, 0.22, 0.42, 0.02
HSL	28°, 91%, 77%
HSV	28°, 42%, 98%
XYZ	64.0223, 61.3425, 35.2540
YIQ	205.7450, 48.8300, -3.8900

Conversions

Conversions Part 2

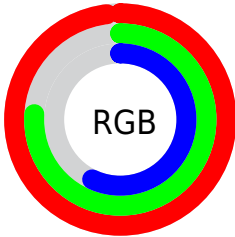
Format	Color
R _Y B	250, 240, 145
Decimal	16434065
CIE Lab	82.56, 13.46, 32.60
CIE LCh	83, 35.269, 67.569
Yxy	61.3425, 0.3986, 0.3819
Android (android.graphics.Color)	4294624145 (0xFFFA C391)
YUV	205.7450, -29.9473, 38.8116
Hunter-Lab	78.3215, 8.8486, 28.1375

Details

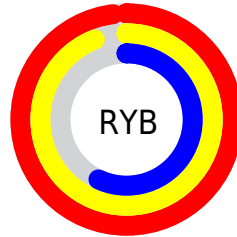
The RYB color **250, 240, 145** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **145, 181, 250**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **202, 255, 199**, and **192, 184, 94** is the 20% darker color. If you saturate the color by 10%, you get **250, 239, 120**, and if you desaturate by 10%, it is **250, 242, 170**.

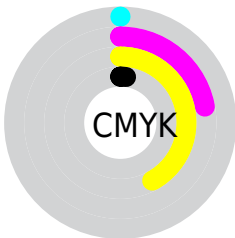
Distribution



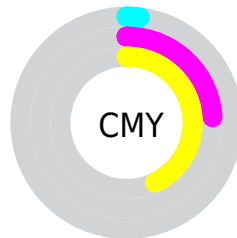
- Red (98%)
- Green (76%)
- Blue (57%)



- Red (98%)
- Yellow (94%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (42%)
- Black (2%)



- Cyan (2%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 240, 145 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, 240, 145 by changing the saturation by 10% instead.

 250, 240, 145


255, 255, 255


 203, 255, 199


 227, 255, 227

 250, 240, 145

 220, 214, 119

 192, 184, 94

 163, 161, 70

 133, 135, 46

 104, 108, 24

 67, 82, 0

 56, 42, 0

 33, 0, 0


 0, 0, 0

 250, 240, 145


 250, 240, 145

 250, 239, 120


 250, 242, 170

 250, 237, 95


 250, 244, 195

 250, 231, 70

 250, 246, 220

 250, 229, 45

 250, 248, 245

 250, 227, 20

 250, 253, 255

 250, 227, 0

Harmonies

Analogous

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



255, 190, 167



250, 240, 145



156, 220, 139

Triad

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



250, 240, 145



110, 170, 224



221, 194, 255

Complementary

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



250, 240, 145



145, 181, 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.



174, 197, 255



250, 240, 145



98, 165, 245

Square

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



250, 240, 145



145, 198, 222



126, 179, 255



255, 184, 231

Rectangle

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



250, 240, 145



146, 213, 162



126, 179, 255



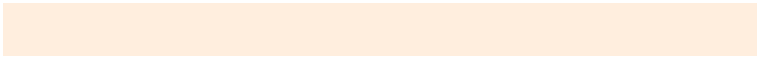
206, 198, 255

Sweetspot

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



250, 240, 145



255, 253, 222



250, 145, 201



128, 126, 107



0, 0, 0



128, 128, 128

Same Dimension

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



250, 240, 145



255, 242, 128



148, 250, 145



125, 123, 112



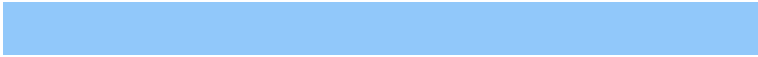
189, 172, 0



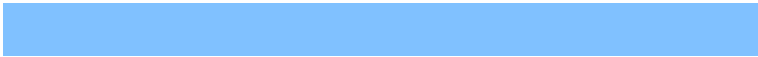
61, 55, 0

Inverse Universe

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



145, 181, 250



128, 171, 255



145, 148, 250



112, 117, 125



0, 65, 189



0, 21, 61

Previews

White Background



This preview shows how the RYB color 250, 240, 145 looks on a white background.

Color Contrast Check

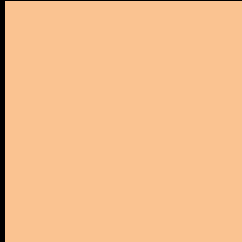
Large Text (above 18pt) WCAG AA × Fail

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, 240, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

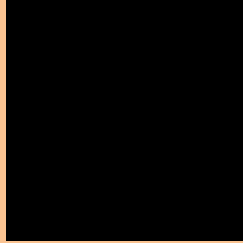
Any Text WCAG AA ✓ Pass

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 250, 240, 145 Background



This preview shows how black text looks on a background with the RYB color 250, 240, 145.



This preview shows how white text looks on a background with the RYB color 250, 240, 145.

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, 240, 145

Protanopia
169, 221, 150

Deuteranopia
237, 245, 145



Tritanopia
255, 188, 202

Trichromacy



Original Color

250, 240, 145

Protanomaly

195, 232, 148

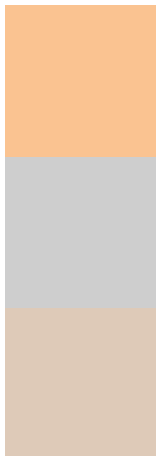
Deuteranomaly

247, 247, 145

Tritanomaly

253, 193, 181

Monochromacy



Original Color

250, 240, 145

Achromatopsia

206, 206, 206

Achromatomaly

222, 218, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 240, 145 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, 195, 145)` looks like.

```
.text, #text, p{  
    color:rgb(250, 195, 145)  
}
```

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, 195, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 195, 145) }
```

Border

The CSS property to change the border of an element to RYB 250, 240, 145 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, 195, 145) }
```

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

```
.border{ border-color:rgb(250, 195, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 195, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 195, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 195, 145);  
box-shadow:4px 4px 4px 4px rgb(250, 195,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 250, 195, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 195, 145) }
```

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

```
.background{ background-color: rgb(250,  
195, 145) }
```

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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