

Converting Colors

`RYB(203, 240, 114)`

Have a look what the booklet for
RYB(203, 240, 114) contains.

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Color

$\text{RYB}(203, 240, 114)$

Conversions

Conversions Part 1

Format	Color
Hex	F0BC72
RGB	240, 188, 114
RGB Percent	94%, 74%, 45%
CMY	0.0588, 0.2634, 0.5529
CMYK	0.00, 0.22, 0.53, 0.06
HSL	35°, 81%, 69%
HSV	35°, 52%, 94%
XYZ	56.9219, 55.6391, 23.6589
YIQ	195.1120, 54.7460, -11.9900

Conversions

Conversions Part 2

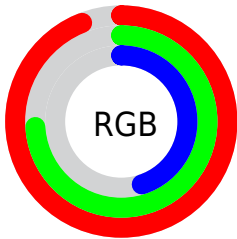
Format	Color
R_{YB}	203, 240, 114
Decimal	15776882
CIE Lab	79.41, 10.21, 44.26
CIE LCh	79, 45.422, 77.006
Yxy	55.6391, 0.4179, 0.4085
Android (android.graphics.Color)	4293966962 (0xFFFF0BC72)
YUV	195.1120, -39.9882, 39.3668
Hunter-Lab	74.5916, 5.6805, 33.4086

Details

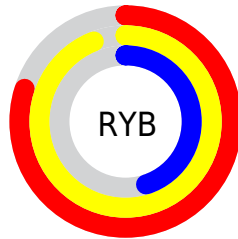
The RYB color **203, 240, 114** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **114, 151, 240**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **180, 255, 167**, and **140, 181, 64** is the 20% darker color. If you saturate the color by 10%, you get **196, 240, 90**, and if you desaturate by 10%, it is **209, 240, 138**.

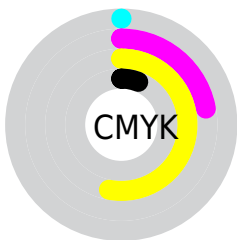
Distribution



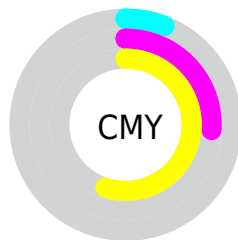
- Red (94%)
- Green (74%)
- Blue (45%)



- Red (80%)
- Yellow (94%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (53%)
- Black (6%)



- Cyan (6%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 240, 114 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 203, 240, 114 by changing the saturation by 10% instead.

 203, 240, 114

 203, 240, 114


255, 255, 255

 170, 210, 88

 180, 255, 167

 140, 181, 64

 195, 255, 195

 111, 153, 39

 223, 255, 223

 74, 125, 12

 252, 255, 252

 55, 97, 0

 55, 71, 0


 45, 36, 0

 18, 0, 0

 0, 0, 0

 203, 240, 114

 203, 240, 114

 196, 240, 90


 209, 240, 138

 189, 240, 66

 216, 240, 162

 182, 240, 42

 223, 240, 186

 175, 240, 18

 230, 240, 210

 169, 240, 0

 237, 240, 234

 240, 245, 255

 240, 248, 255

Harmonies

Analogous

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



255, 189, 137



203, 240, 114



114, 202, 116

Triad

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



203, 240, 114



0, 110, 220



231, 177, 255

Complementary

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



203, 240, 114



114, 151, 240

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.



173, 189, 255



203, 240, 114



0, 117, 255

Square

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



203, 240, 114



95, 169, 218



96, 161, 255



255, 165, 217

Rectangle

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



203, 240, 114



127, 209, 167



96, 161, 255



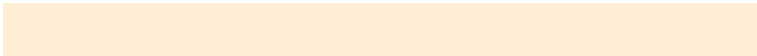
214, 182, 255

Sweetspot

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



203, 240, 114



243, 255, 214



240, 114, 166



123, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



203, 240, 114



209, 255, 94



114, 240, 125



117, 120, 108



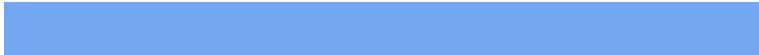
129, 184, 0



39, 56, 0

Inverse Universe

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



114, 151, 240



94, 141, 255



125, 114, 240



108, 112, 120



0, 54, 184



0, 16, 56

Previews

White Background



This preview shows how the RYB color 203, 240, 114 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 203, 240, 114 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](#).

R Y B 203, 240, 114 Background



This preview shows how black text looks on a background with the R Y B color 203, 240, 114.





This preview shows how white text looks on a background with the R Y B color 203, 240, 114.

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](#).

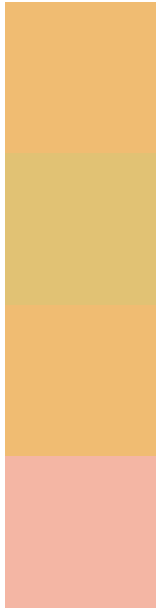
Dichromacy

	Original Color 203, 240, 114
	Protanopia 141, 216, 117
	Deuteranopia 203, 240, 114



Tritanopia
247, 178, 192

Trichromacy



Original Color

203, 240, 114

Protanomaly

159, 225, 116

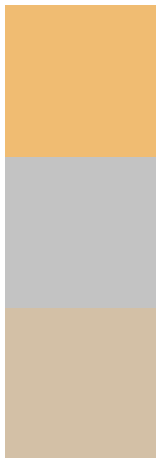
Deuteranomaly

203, 240, 114

Tritanomaly

244, 187, 164

Monochromacy



Original Color

203, 240, 114

Achromatopsia

195, 195, 195

Achromatomaly

199, 211, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 240, 114 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(240, 188, 114)` looks like.

```
.text, #text, p{  
    color:rgb(240, 188, 114)  
}
```

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(240, 188, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 188, 114) }
```

Border

The CSS property to change the border of an element to RYB 203, 240, 114 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(240, 188, 114) }
```

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

```
.border{ border-color:rgb(240, 188, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 188, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 188, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 188, 114);  
box-shadow:4px 4px 4px 4px rgb(240, 188,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 203, 240, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 188, 114) }
```

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

```
.background{ background-color: rgb(240,  
188, 114) }
```

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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