

Converting Colors

`RYB(195, 240, 188)`

Have a look what the booklet for
RYB(195, 240, 188) contains.

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Color

R_YB(195, 240, 188)

Conversions

Conversions Part 1

Format	Color
Hex	F0EABC
RGB	240, 234, 188
RGB Percent	94%, 92%, 74%
CMY	0.0588, 0.0830, 0.2627
CMYK	0.00, 0.03, 0.22, 0.06
HSL	53°, 63%, 84%
HSV	53°, 22%, 94%
XYZ	74.3869, 80.9053, 59.2726
YIQ	230.5500, 18.3420, -13.0340

Conversions

Conversions Part 2

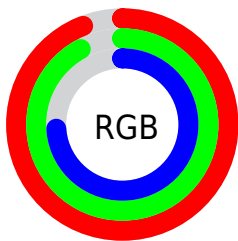
Format	Color
R_{YB}	195, 240, 188
Decimal	15788732
CIE _{Lab}	92.09, -5.13, 23.06
CIE _{LCh}	92, 23.621, 102.538
Yxy	80.9053, 0.3467, 0.3771
Android (android.graphics.Color)	4293978812 (0xFFFF0EABC)
YUV	230.5500, -20.9772, 8.2876
Hunter-Lab	89.9474, -9.7876, 23.8928

Details

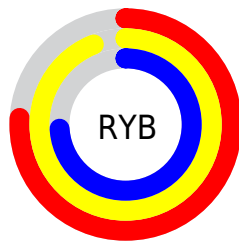
The RYB color **195, 240, 188** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **188, 193, 240**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **244, 255, 244**, and **142, 184, 135** is the 20% darker color. If you saturate the color by 10%, you get **174, 240, 164**, and if you desaturate by 10%, it is **215, 240, 212**.

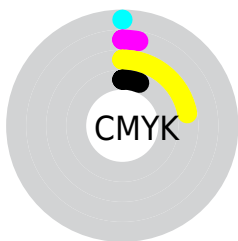
Distribution



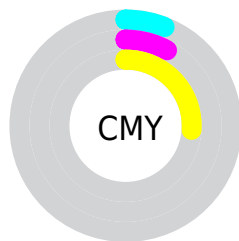
- Red (94%)
- Green (92%)
- Blue (74%)



- Red (76%)
- Yellow (94%)
- Blue (74%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 240, 188 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 195, 240, 188 by changing the saturation by 10% instead.


 195, 240, 188

255, 255, 255

 244, 255, 244

 195, 240, 188


 167, 211, 161

 142, 184, 135

 113, 156, 109


 88, 130, 84

 64, 104, 61

 41, 80, 38

 19, 56, 17

 2, 35, 0

 0, 11, 11

 195, 240, 188

 195, 240, 188

 174, 240, 164


 215, 240, 212

 154, 240, 140

 236, 240, 236

 133, 240, 116

 240, 242, 255

 112, 240, 92

 240, 244, 255

 91, 240, 68

 240, 245, 255

 70, 240, 44

 240, 246, 255

 49, 240, 20

 240, 247, 255

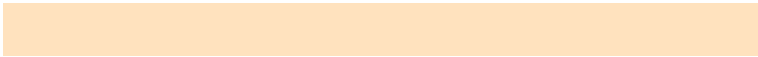
 32, 240, 0

 240, 248, 255

Harmonies

Analogous

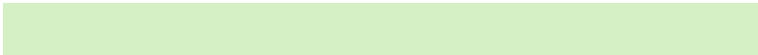
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 255, 190



195, 240, 188



198, 240, 224

Triad

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



195, 240, 188



173, 211, 255



255, 218, 246

Complementary

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



195, 240, 188



188, 193, 240

Split Complementary

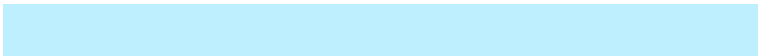
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248, 223, 255



195, 240, 188



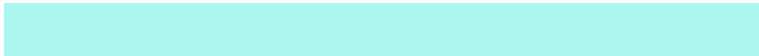
190, 218, 255

Square

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



195, 240, 188



173, 211, 246



219, 228, 255



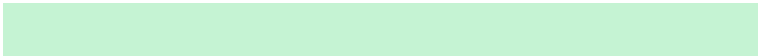
255, 216, 223

Rectangle

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



195, 240, 188



197, 232, 243



219, 228, 255



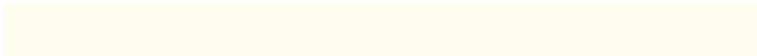
255, 219, 254

Sweetspot

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



195, 240, 188



239, 255, 237



240, 188, 195



119, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

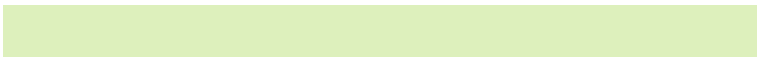
The Same Dimension uses a secret algorithm to generate beautiful new colors.



195, 240, 188



198, 255, 189



188, 240, 207



110, 120, 108



25, 184, 0



8, 56, 0

Inverse Universe

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



188, 193, 240



189, 196, 255



207, 188, 240



108, 109, 120



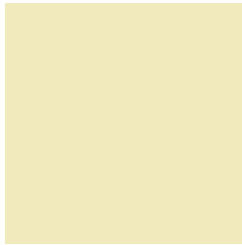
0, 20, 184



0, 6, 56

Previews

White Background



This preview shows how the RYB color 195, 240, 188 looks on a white background.

Color Contrast Check

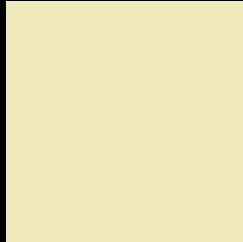
Large Text (above 18pt) WCAG AA × Fail

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 195, 240, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

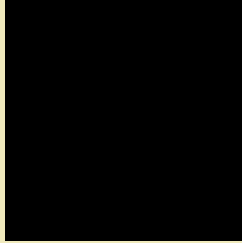
Any Text WCAG AA ✓ Pass

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 195, 240, 188 Background



This preview shows how black text looks on a background with the RYB color 195, 240, 188.



This preview shows how white text looks on a background with the RYB color 195, 240, 188.

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
195, 240, 188

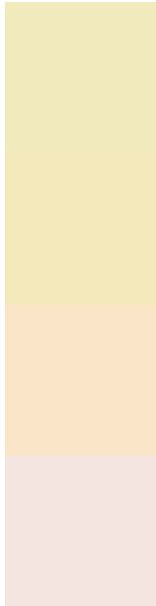
Protanopia
205, 246, 187

Deuteranopia
255, 239, 209



Tritanopia
247, 226, 244

Trichromacy



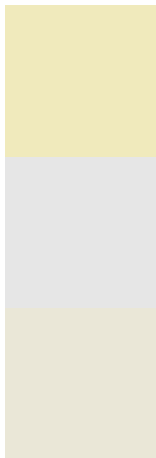
Original Color
195, 240, 188

Protanomaly
201, 244, 187

Deuteranomaly
238, 250, 201

Tritanomaly
244, 231, 224

Monochromacy



Original Color
195, 240, 188

Achromatopsia
230, 230, 230

Achromatomaly
219, 234, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 240, 188 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, 234, 188)` looks like.

```
.text, #text, p{  
    color:rgb(240, 234, 188)  
}
```

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, 234, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 234, 188) }
```

Border

The CSS property to change the border of an element to RYB 195, 240, 188 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, 234, 188) }
```

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

```
.border{ border-color:rgb(240, 234, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 234, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 234, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 234, 188);  
box-shadow:4px 4px 4px 4px rgb(240, 234,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 195, 240, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 234, 188) }
```

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

```
.background{ background-color: rgb(240,  
234, 188) }
```

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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