

Converting Colors

`RYB(195, 228, 128)`

Have a look what the booklet for
RYB(195, 228, 128) contains.

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Color

R_YB(195, 228, 128)

Conversions

Conversions Part 1

Format	Color
Hex	E4BC80
RGB	228, 188, 128
RGB Percent	89%, 74%, 50%
CMY	0.1059, 0.2632, 0.4980
CMYK	0.00, 0.18, 0.44, 0.11
HSL	36°, 65%, 70%
HSV	36°, 44%, 89%
XYZ	53.8488, 53.9678, 28.0008
YIQ	193.1200, 43.1000, -10.1800

Conversions

Conversions Part 2

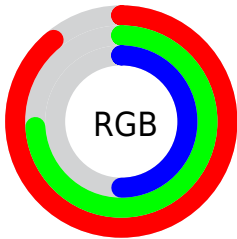
Format	Color
R_{YB}	195, 228, 128
Decimal	14990464
CIE _{Lab}	78.44, 6.65, 35.65
CIE _{LCh}	78, 36.263, 79.437
Yxy	53.9678, 0.3965, 0.3974
Android (android.graphics.Color)	4293180544 (0xFFE4BC80)
YUV	193.1200, -32.1042, 30.5898
Hunter-Lab	73.4628, 2.2822, 28.8252

Details

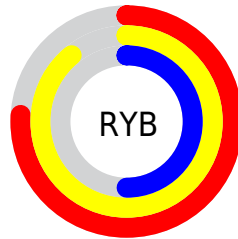
The RYB color **195, 228, 128** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **128, 157, 228**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **194, 255, 181**, and **137, 171, 78** is the 20% darker color. If you saturate the color by 10%, you get **186, 228, 105**, and if you desaturate by 10%, it is **203, 228, 151**.

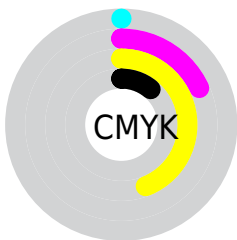
Distribution



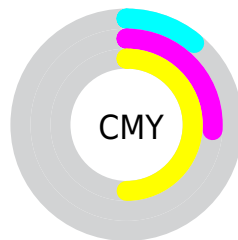
- Red (89%)
- Green (74%)
- Blue (50%)



- Red (76%)
- Yellow (89%)
- Blue (50%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)
- Black (11%)



- Cyan (11%)
- Magenta (26%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the RYB color 195, 228, 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 195, 228, 128 by changing the saturation by 10% instead.

 195, 228, 128

 195, 228, 128


255, 255, 255

 164, 199, 102


 194, 255, 181

 137, 171, 78

 209, 255, 209

 106, 143, 54

 238, 255, 238

 78, 116, 30

 46, 89, 6

 38, 64, 0

 37, 39, 0

 0, 0, 0

 195, 228, 128

 195, 228, 128

186, 228, 105

203, 228, 151

178, 228, 82

211, 228, 174

174, 228, 60

218, 228, 196

166, 228, 37

226, 228, 219

158, 228, 14

228, 232, 242

151, 228, 0

228, 238, 255

228, 241, 255

228, 242, 255

Harmonies

Analogous

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



252, 192, 144



195, 228, 128



130, 199, 134

Triad

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



195, 228, 128



82, 148, 215



225, 178, 238

Complementary

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



195, 228, 128



128, 157, 228

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.



182, 189, 255



195, 228, 128



85, 155, 244

Square

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



195, 228, 128



116, 173, 212



130, 175, 255



253, 170, 207

Rectangle

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



195, 228, 128



141, 205, 176



130, 175, 255



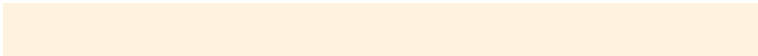
212, 182, 246

Sweetspot

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



195, 228, 128



243, 255, 222



228, 128, 170



123, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



195, 228, 128



210, 255, 120



128, 228, 136



112, 115, 103



120, 179, 0



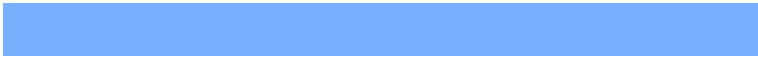
33, 51, 0

Inverse Universe

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



128, 157, 228



120, 159, 255



136, 128, 228



103, 107, 115



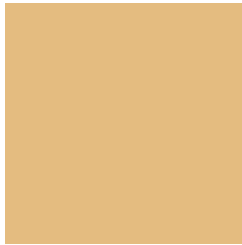
0, 51, 179



0, 14, 51

Previews

White Background



This preview shows how the RYB color 195, 228, 128 looks on a white background.

Color Contrast Check

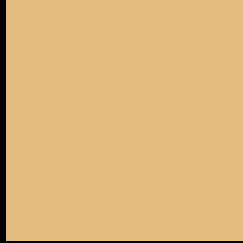
Large Text (above 18pt) WCAG AA × Fail

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 195, 228, 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](#).

RYP 195, 228, 128 Background



This preview shows how black text looks on a background with the RYP color 195, 228, 128.




This preview shows how white text looks on a background with the RYP color 195, 228, 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](#).

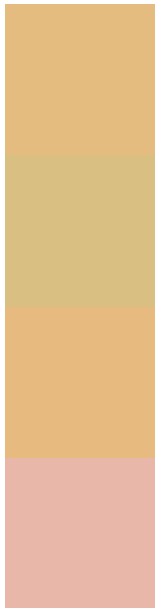
Dichromacy

	Original Color 195, 228, 128
	Protanopia 153, 211, 131
	Deuteranopia 213, 233, 128



Tritanopia
234, 180, 193

Trichromacy



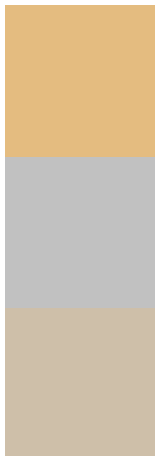
Original Color
195, 228, 128

Protanomaly
165, 217, 130

Deuteranomaly
205, 231, 128

Tritanomaly
232, 187, 169

Monochromacy



Original Color
195, 228, 128

Achromatopsia
193, 193, 193

Achromatomaly
194, 206, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 228, 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(228, 188, 128)` looks like.

```
.text, #text, p{  
    color:rgb(228, 188, 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(228, 188, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 188, 128) }
```

Border

The CSS property to change the border of an element to RYB 195, 228, 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(228, 188, 128) }
```

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

```
.border{ border-color:rgb(228, 188, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 188, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 188, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 188, 128);  
box-shadow:4px 4px 4px 4px rgb(228, 188,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 195, 228, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 188, 128) }
```

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

```
.background{ background-color: rgb(228,  
188, 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](#).

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