

Converting Colors

`RYB(194, 228, 150)`

Have a look what the booklet for
RYB(194, 228, 150) contains.

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Color

R_YB(194, 228, 150)

Conversions

Conversions Part 1

Format	Color
Hex	E4C896
RGB	228, 200, 150
RGB Percent	89%, 78%, 59%
CMY	0.1059, 0.2162, 0.4118
CMYK	0.00, 0.12, 0.34, 0.11
HSL	38°, 59%, 74%
HSV	38°, 34%, 89%
XYZ	58.1238, 59.9438, 37.3610
YIQ	202.6720, 32.7380, -9.6140

Conversions

Conversions Part 2

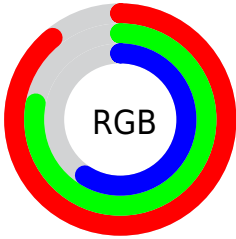
Format	Color
RYB	194, 228, 150
Decimal	14993558
CIELab	81.81, 2.82, 28.62
CIElCh	82, 28.754, 84.381
Yxy	59.9438, 0.3740, 0.3857
Android (android.graphics.Color)	4293183638 (0xFFE4C896)
YUV	202.6720, -25.9673, 22.2127
Hunter-Lab	77.4234, -1.4861, 25.5857

Details

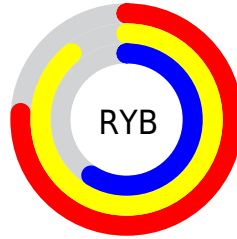
The RYB color **194, 228, 150** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **150, 171, 228**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **204, 255, 204**, and **137, 171, 99** is the 20% darker color. If you saturate the color by 10%, you get **183, 228, 127**, and if you desaturate by 10%, it is **204, 228, 173**.

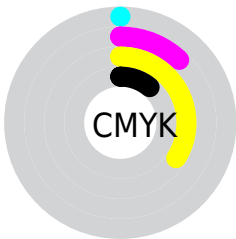
Distribution



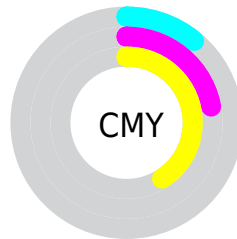
- Red (89%)
- Green (78%)
- Blue (59%)



- Red (76%)
- Yellow (89%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (34%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 228, 150 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 194, 228, 150 by changing the saturation by 10% instead.


 194, 228, 150

255, 255, 255


 204, 255, 204


 233, 255, 233

 194, 228, 150

 164, 199, 124


 137, 171, 99

 111, 144, 74

 84, 118, 51

 58, 92, 29

 28, 67, 5

 21, 43, 0

 16, 5, 0

 0, 0, 0

 194, 228, 150


 194, 228, 150

 183, 228, 127

 204, 228, 173

 175, 228, 104


 215, 228, 196

 165, 228, 82


 222, 228, 218

 154, 228, 59

 228, 232, 241

 144, 228, 36

 228, 237, 255

 133, 228, 13

 228, 240, 255

 128, 228, 0

 228, 242, 255

Harmonies

Analogous

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



249, 207, 161



194, 228, 150



154, 208, 162

Triad

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



194, 228, 150



124, 173, 225



233, 189, 235

Complementary

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



194, 228, 150



150, 171, 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.



201, 198, 252



194, 228, 150



133, 180, 246

Square

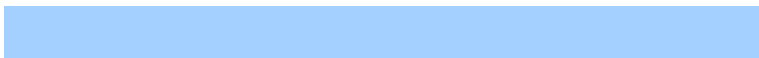
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



194, 228, 150



141, 186, 218



163, 193, 255



253, 184, 210

Rectangle

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



194, 228, 150



164, 213, 198



163, 193, 255



224, 192, 242

Sweetspot

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



194, 228, 150



244, 255, 230



228, 150, 179



122, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



194, 228, 150



210, 255, 150



150, 228, 160



109, 115, 103



102, 179, 0



28, 51, 0

Inverse Universe

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



150, 171, 228



150, 178, 255



160, 150, 228



103, 106, 115



0, 47, 179



0, 13, 51

Previews

White Background



This preview shows how the RYB color 194, 228, 150 looks on a white background.

Color Contrast Check

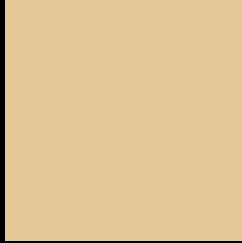
Large Text (above 18pt) WCAG AA × Fail

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 194, 228, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

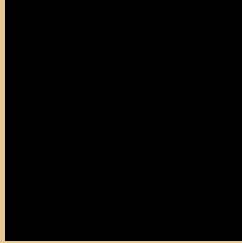
Any Text WCAG AA ✓ Pass

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 194, 228, 150 Background



This preview shows how black text looks on a background with the RYB color 194, 228, 150.



This preview shows how white text looks on a background with the RYB color 194, 228, 150.

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
194, 228, 150

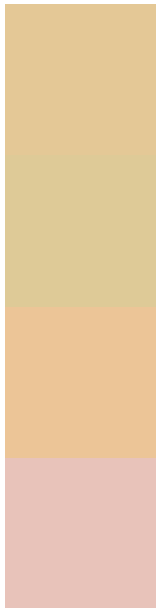
Protanopia
170, 218, 151

Deuteranopia
240, 238, 151



Tritanopia
234, 192, 207

Trichromacy



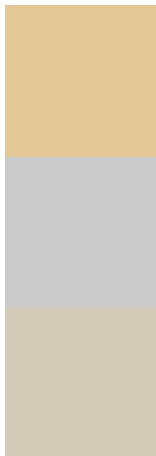
Original Color
194, 228, 150

Protanomaly
179, 222, 151

Deuteranomaly
223, 236, 151

Tritanomaly
232, 197, 186

Monochromacy



Original Color
194, 228, 150

Achromatopsia
203, 203, 203

Achromatomaly
200, 212, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 228, 150 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, 200, 150)` looks like.

```
.text, #text, p{  
    color:rgb(228, 200, 150)  
}
```

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, 200, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 200, 150) }
```

Border

The CSS property to change the border of an element to RYB 194, 228, 150 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, 200, 150) }
```

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

```
.border{ border-color:rgb(228, 200, 150) }
```

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

Here you see how a box with a 4 pixel rgb(228, 200, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 200, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 200, 150);  
box-shadow:4px 4px 4px 4px rgb(228, 200,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 194, 228, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 200, 150) }
```

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

```
.background{ background-color: rgb(228,  
200, 150) }
```

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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