

Converting Colors

`RYB(120, 209, 127)`

Have a look what the booklet for
RYB(120, 209, 127) contains.

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Color

R_YB(120, 209, 127)

Conversions

Conversions Part 1

Format	Color
Hex	CAD178
RGB	202, 209, 120
RGB Percent	79%, 82%, 47%
CMY	0.2078, 0.1804, 0.5294
CMYK	0.03, 0.00, 0.43, 0.18
HSL	65°, 49%, 65%
HSV	65°, 43%, 82%
XYZ	50.5478, 59.5136, 26.5924
YIQ	196.7610, 24.3970, -29.1630

Conversions

Conversions Part 2

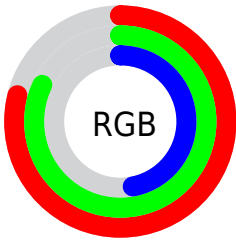
Format	Color
RYB	120, 209, 127
Decimal	13291896
CIELab	81.57, -15.48, 43.21
CIELCh	82, 45.902, 109.706
Yxy	59.5136, 0.3699, 0.4355
Android (android.graphics.Color)	4291481976 (0xFFCAD178)
YUV	196.7610, -37.8432, 4.5946
Hunter-Lab	77.1450, -18.0452, 33.5639

Details

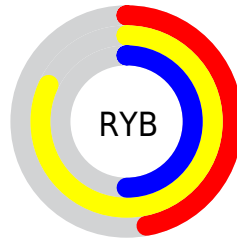
The RYB color **120, 209, 127** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **127, 120, 209**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **174, 255, 174**, and **69, 155, 78** is the 20% darker color. If you saturate the color by 10%, you get **99, 209, 108**, and if you desaturate by 10%, it is **141, 209, 146**.

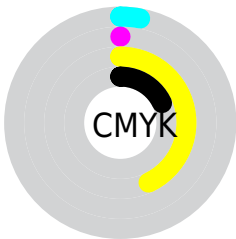
Distribution



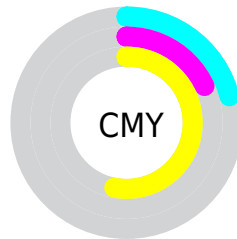
- Red (79%)
- Green (82%)
- Blue (47%)



- Red (47%)
- Yellow (82%)
- Blue (50%)



- Cyan (3%)
- Magenta (0%)
- Yellow (43%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 120, 209, 127 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 120, 209, 127 by changing the saturation by 10% instead.

 120, 209, 127


255, 255, 255

 174, 255, 174


 202, 255, 202

 230, 255, 230


 120, 209, 127


 94, 181, 101

 69, 155, 78


 44, 129, 53

 17, 104, 28

 0, 80, 12

 0, 57, 13

 0, 35, 16

 0, 11, 11

 0, 0, 0

120, 209, 127

120, 209, 127

99, 209, 108

141, 209, 146

78, 209, 88

162, 209, 166

57, 209, 69

183, 209, 185

36, 209, 50

204, 209, 204

16, 209, 31

210, 209, 224

0, 209, 16

212, 209, 245

214, 209, 255

215, 209, 255

217, 209, 255

Harmonies

Analogous

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



198, 244, 118



120, 209, 127



146, 219, 212

Triad

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



120, 209, 127



0, 118, 255



255, 170, 219

Complementary

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



120, 209, 127



127, 120, 209

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.



242, 181, 255



120, 209, 127



109, 169, 255

Square

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



120, 209, 127



0, 114, 230



185, 195, 255



255, 170, 176

Rectangle

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



120, 209, 127



115, 186, 223



185, 195, 255



255, 173, 234

Sweetspot

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



120, 209, 127



222, 255, 225



209, 126, 120



107, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



120, 209, 127



125, 255, 135



120, 209, 170



94, 105, 95



0, 168, 13



0, 41, 3

Inverse Universe

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



127, 120, 209



135, 125, 255



170, 120, 209



95, 94, 105



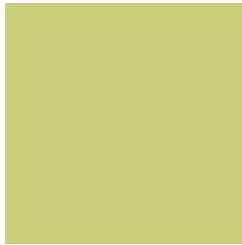
13, 0, 168



3, 0, 41

Previews

White Background



This preview shows how the RYB color 120, 209, 127 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 120, 209, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

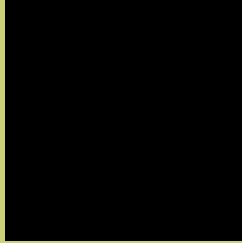
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

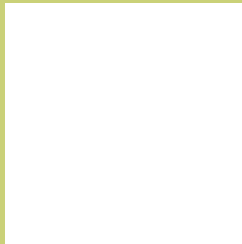
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 120, 209, 127 Background



This preview shows how black text looks on a background with the RYB color 120, 209, 127.

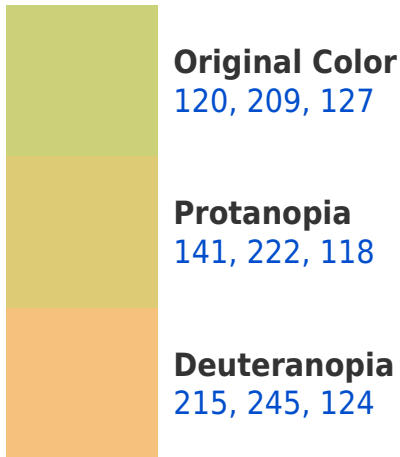



This preview shows how white text looks on a background with the RYB color 120, 209, 127.

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](#).

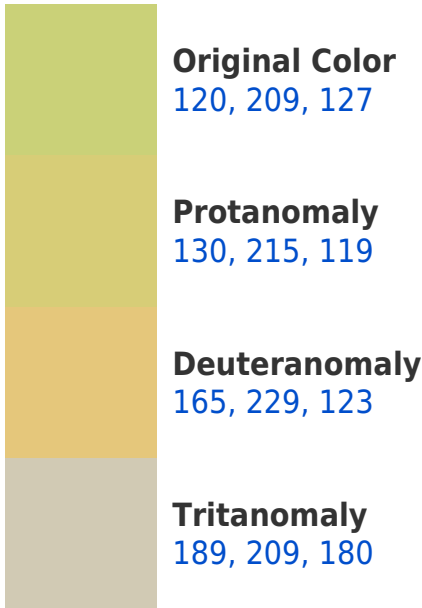
Dichromacy



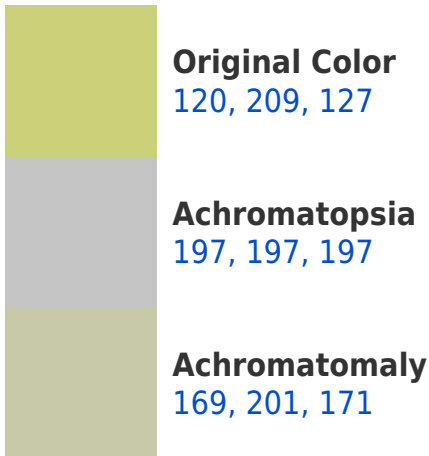


Tritanopia
213, 198, 214

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 120, 209, 127 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(202, 209, 120)` looks like.

```
.text, #text, p{  
    color:rgb(202, 209, 120)  
}
```

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(202, 209, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 209, 120) }
```

Border

The CSS property to change the border of an element to RYB 120, 209, 127 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(202, 209, 120) }
```

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

```
.border{ border-color:rgb(202, 209, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 209, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 209, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 209, 120);  
box-shadow:4px 4px 4px 4px rgb(202, 209,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 120, 209, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 209, 120) }
```

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

```
.background{ background-color: rgb(202,  
209, 120) }
```

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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