

Converting Colors

`RYB(119, 197, 126)`

Have a look what the booklet for
RYB(119, 197, 126) contains.

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Color

R_YB(119, 197, 126)

Conversions

Conversions Part 1

Format	Color
Hex	BEC577
RGB	190, 197, 119
RGB Percent	75%, 77%, 47%
CMY	0.2549, 0.2275, 0.5333
CMYK	0.04, 0.00, 0.40, 0.23
HSL	65°, 40%, 62%
HSV	65°, 40%, 77%
XYZ	44.5312, 52.2116, 25.1836
YIQ	186.0150, 20.8660, -25.7420

Conversions

Conversions Part 2

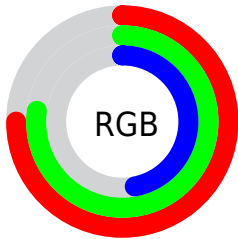
Format	Color
RYB	119, 197, 126
Decimal	12502391
CIELab	77.41, -14.28, 38.28
CIELCh	77, 40.855, 110.454
Yxy	52.2116, 0.3652, 0.4282
Android (android.graphics.Color)	4290692471 (0xFFBEC577)
YUV	186.0150, -33.0384, 3.4948
Hunter-Lab	72.2576, -16.4439, 29.9163

Details

The RYB color **119, 197, 126** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **126, 119, 197**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **172, 254, 179**, and **69, 143, 77** is the 20% darker color. If you saturate the color by 10%, you get **99, 197, 108**, and if you desaturate by 10%, it is **139, 197, 144**.

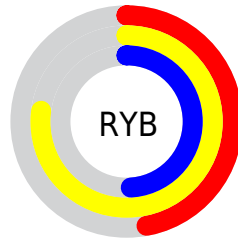
Distribution



Red (75%)

Green (77%)

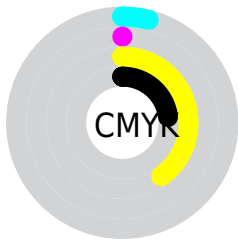
Blue (47%)



Red (47%)

Yellow (77%)

Blue (49%)

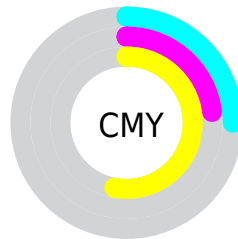


Cyan (4%)

Magenta (0%)

Yellow (40%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 197, 126 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 119, 197, 126 by changing the saturation by 10% instead.

 119, 197, 126


255, 255, 255

 172, 254, 179


 200, 255, 200

 228, 255, 228

 119, 197, 126

 93, 170, 101

 69, 143, 77

 44, 118, 53

 20, 93, 30

 0, 70, 11

 0, 47, 12

 0, 27, 23

 0, 0, 0

 119, 197, 126

 119, 197, 126

■ 99, 197, 108

■ 139, 197, 144

■ 80, 197, 91

■ 158, 197, 161

■ 60, 197, 72

■ 178, 197, 180

■ 40, 197, 54

■ 197, 197, 198

■ 20, 197, 36

■ 199, 197, 218

■ 1, 197, 19

■ 201, 197, 237

■ 0, 197, 18

■ 202, 197, 255

■ 204, 197, 255

■ 206, 197, 255

Harmonies

Analogous

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



184, 227, 116



119, 197, 126



142, 206, 201

Triad

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



119, 197, 126



48, 137, 249



255, 163, 205

Complementary

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



119, 197, 126



126, 119, 197

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.



227, 172, 240



119, 197, 126



115, 168, 255

Square

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



119, 197, 126



42, 128, 216



178, 185, 255



255, 163, 167

Rectangle

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



119, 197, 126



114, 177, 210



178, 185, 255



249, 165, 217

Sweetspot

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



119, 197, 126



224, 255, 227



197, 127, 119



110, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



119, 197, 126



133, 255, 144



119, 197, 164



90, 99, 90



0, 163, 14



0, 36, 4

Inverse Universe

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



126, 119, 197



144, 133, 255



165, 119, 197



90, 90, 99



15, 0, 163



3, 0, 36

Previews

White Background



This preview shows how the RYB color 119, 197, 126 looks on a white background.

Color Contrast Check

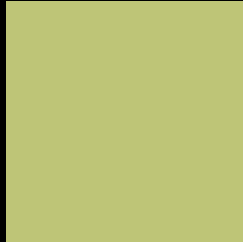
Large Text (above 18pt) WCAG AA × Fail

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 119, 197, 126 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 119, 197, 126 Background



This preview shows how black text looks on a background with the RYB color 119, 197, 126.



This preview shows how white text looks on a background with the RYB color 119, 197, 126.

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
[119, 197, 126](#)

Protanopia
[139, 209, 117](#)

Deuteranopia
[205, 230, 122](#)



Tritanopia
200, 187, 202

Trichromacy



Original Color
119, 197, 126

Protanomaly
128, 202, 118

Deuteranomaly
159, 215, 121

Tritanomaly
178, 196, 172

Monochromacy



Original Color
119, 197, 126

Achromatopsia
186, 186, 186

Achromatomaly
162, 190, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 197, 126 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(190, 197, 119)` looks like.

```
.text, #text, p{  
    color:rgb(190, 197, 119)  
}
```

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(190, 197, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 197, 119) }
```

Border

The CSS property to change the border of an element to RYB 119, 197, 126 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(190, 197, 119) }
```

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

```
.border{ border-color:rgb(190, 197, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 197, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 197, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 197, 119); box-shadow:4px 4px 4px 4px rgb(190, 197, 119) }
```

Background

The CSS property to change the background color of an element to RYB 119, 197, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 197, 119) }
```

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

```
.background{ background-color: rgb(190,  
197, 119) }
```

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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