

Converting Colors

`RYB(139, 186, 121)`

Have a look what the booklet for
RYB(139, 186, 121) contains.

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Color

R_YB(139, 186, 121)

Conversions

Conversions Part 1

Format	Color
Hex	BAAC79
RGB	186, 172, 121
RGB Percent	73%, 67%, 47%
CMY	0.2706, 0.3259, 0.5255
CMYK	0.00, 0.08, 0.35, 0.27
HSL	47°, 32%, 60%
HSV	47°, 35%, 73%
XYZ	38.4351, 41.2880, 24.0328
YIQ	170.3720, 24.7150, -12.8930

Conversions

Conversions Part 2

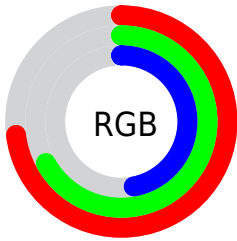
Format	Color
RYB	139, 186, 121
Decimal	12233849
CIELab	70.38, -2.57, 28.06
CIElCh	70, 28.176, 95.239
Yxy	41.2880, 0.3704, 0.3979
Android (android.graphics.Color)	4290423929 (0xFFBAAC79)
YUV	170.3720, -24.3404, 13.7058
Hunter-Lab	64.2557, -5.6762, 22.8035

Details

The RYB color **139, 186, 121** is a light color, and the websafe version is hex **999966**. A complement of this color would be **121, 133, 186**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **195, 243, 174**, and **87, 132, 72** is the 20% darker color. If you saturate the color by 10%, you get **125, 186, 102**, and if you desaturate by 10%, it is **153, 186, 140**.

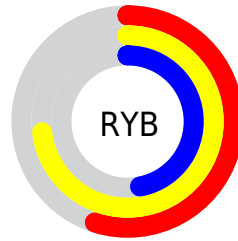
Distribution



Red (73%)

Green (67%)

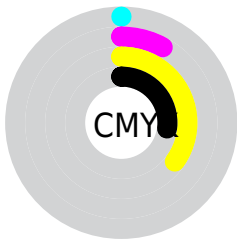
Blue (47%)



Red (55%)

Yellow (73%)

Blue (47%)

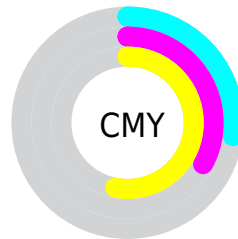


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 186, 121 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 139, 186, 121 by changing the saturation by 10% instead.


 139, 186, 121

255, 255, 255


 195, 243, 174


 201, 255, 201

 230, 255, 230


 139, 186, 121

 114, 159, 96

 87, 132, 72

 62, 106, 48

 37, 81, 26

 11, 57, 2

 7, 34, 0

 0, 3, 3

 0, 0, 0

 139, 186, 121

 139, 186, 121

■ 125, 186, 102

■ 153, 186, 140

■ 112, 186, 84

■ 166, 186, 158

■ 98, 186, 65

■ 180, 186, 177

■ 85, 186, 47

■ 186, 188, 195

■ 71, 186, 28

■ 186, 191, 214

■ 57, 186, 9

■ 186, 194, 233

■ 51, 186, 0

■ 186, 198, 251

■ 186, 200, 255

■ 186, 203, 255

Harmonies

Analogous

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



209, 193, 126



139, 186, 121



130, 179, 151

Triad

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



139, 186, 121



93, 143, 201



209, 156, 194

Complementary

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



139, 186, 121



121, 133, 186

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, 164, 214



139, 186, 121



111, 153, 218

Square

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



139, 186, 121



103, 147, 186



146, 166, 223



222, 153, 168

Rectangle

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



139, 186, 121



138, 179, 183



146, 166, 223



201, 158, 202

Sweetspot

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



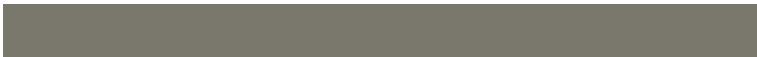
139, 186, 121



224, 242, 218



186, 121, 136



112, 122, 108



250, 250, 250



122, 122, 122

Same Dimension

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



139, 186, 121



169, 242, 141



121, 186, 138



86, 92, 83



43, 156, 0



8, 28, 0

Inverse Universe

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



121, 133, 186



141, 159, 242



138, 121, 186



83, 85, 92



0, 28, 156



0, 5, 28

Previews

White Background



This preview shows how the RYB color 139, 186, 121 looks on a white background.

Color Contrast Check

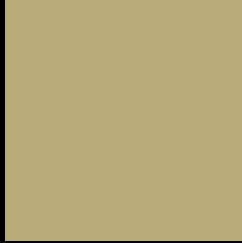
Large Text (above 18pt) WCAG AA × Fail

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 139, 186, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

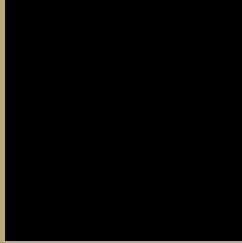
Any Text WCAG AA ✓ Pass

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 139, 186, 121 Background



This preview shows how black text looks on a background with the RYB color 139, 186, 121.



This preview shows how white text looks on a background with the RYB color 139, 186, 121.

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
[139, 186, 121](#)

Protanopia
[139, 186, 121](#)

Deuteranopia
[199, 205, 122](#)



Tritanopia

192, 165, 178

Trichromacy



Original Color
139, 186, 121

Protanomaly
139, 186, 121

Deuteranomaly
172, 198, 122

Tritanomaly
190, 174, 157

Monochromacy



Original Color
139, 186, 121

Achromatopsia
170, 170, 170

Achromatomaly
158, 176, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 186, 121 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(186, 172, 121)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 121)  
}
```

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(186, 172, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 121) }
```

Border

The CSS property to change the border of an element to RYB 139, 186, 121 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(186, 172, 121) }
```

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

```
.border{ border-color:rgb(186, 172, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 172, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 121);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 139, 186, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 121) }
```

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

```
.background{ background-color: rgb(186,  
172, 121) }
```

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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