

Converting Colors

`RYB(129, 186, 117)`

Have a look what the booklet for
RYB(129, 186, 117) contains.

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Color

R_YB(129, 186, 117)

Conversions

Conversions Part 1

Format	Color
Hex	BAB075
RGB	186, 176, 117
RGB Percent	73%, 69%, 46%
CMY	0.2706, 0.3107, 0.5412
CMYK	0.00, 0.05, 0.37, 0.27
HSL	51°, 33%, 59%
HSV	51°, 37%, 73%
XYZ	38.9424, 42.6870, 23.0166
YIQ	172.2640, 24.8990, -16.2290

Conversions

Conversions Part 2

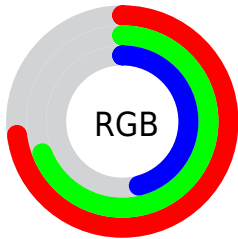
Format	Color
RYB	129, 186, 117
Decimal	12234869
CIELab	71.34, -5.11, 31.45
CIELCh	71, 31.863, 99.232
Yxy	42.6870, 0.3721, 0.4079
Android (android.graphics.Color)	4290424949 (0xFFBAB075)
YUV	172.2640, -27.2452, 12.0465
Hunter-Lab	65.3353, -7.9439, 24.8478

Details

The RYB color **129, 186, 117** is a light color, and the websafe version is hex **999966**. A complement of this color would be **117, 126, 186**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **184, 243, 170**, and **77, 132, 68** is the 20% darker color. If you saturate the color by 10%, you get **113, 186, 98**, and if you desaturate by 10%, it is **144, 186, 136**.

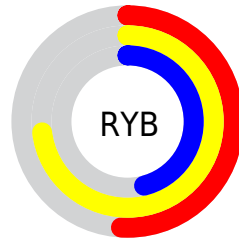
Distribution



Red (73%)

Green (69%)

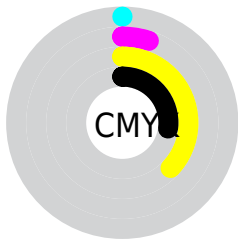
Blue (46%)



Red (51%)

Yellow (73%)

Blue (46%)

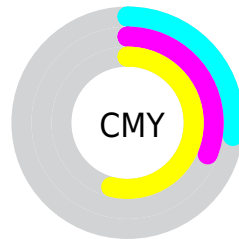


Cyan (0%)

Magenta (5%)

Yellow (37%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 186, 117 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 129, 186, 117 by changing the saturation by 10% instead.

 129, 186, 117

255, 255, 255

 184, 243, 170

 197, 255, 197

 225, 255, 225


254, 255, 254

 129, 186, 117

 129, 186, 117

 102, 158, 92

 78, 132, 68

 52, 106, 44


 26, 80, 21

 4, 56, 0

 2, 33, 0

 0, 9, 9

 0, 0, 0

 129, 186, 117

■ 113, 186, 98

■ 144, 186, 136

■ 99, 186, 80

■ 160, 186, 154

■ 82, 186, 61

■ 175, 186, 173

■ 68, 186, 43

■ 186, 187, 191

■ 52, 186, 24

■ 186, 189, 210

■ 37, 186, 5

■ 186, 191, 229

■ 33, 186, 0

■ 186, 194, 247

■ 186, 196, 255

■ 186, 198, 255

Harmonies

Analogous

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



212, 210, 121



129, 186, 117



129, 184, 159

Triad

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



129, 186, 117



79, 139, 210



219, 156, 196

Complementary

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



129, 186, 117



117, 126, 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.



190, 164, 220



129, 186, 117



106, 153, 228

Square

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



129, 186, 117



89, 142, 191



150, 169, 232



232, 153, 167

Rectangle

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



129, 186, 117



131, 177, 188



150, 169, 232



211, 158, 205

Sweetspot

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



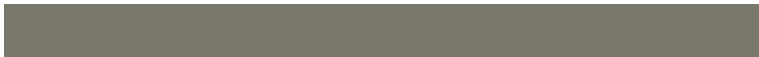
129, 186, 117



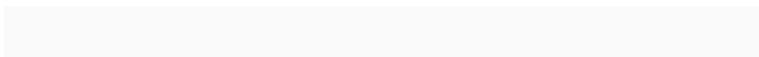
221, 242, 216



186, 117, 127



108, 122, 106



250, 250, 250



122, 122, 122

Same Dimension

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



129, 186, 117



152, 242, 133



117, 186, 141



86, 92, 83



27, 156, 0



5, 28, 0

Inverse Universe

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



117, 126, 186



133, 147, 242



141, 117, 186



83, 84, 92



0, 20, 156



0, 4, 28

Previews

White Background



This preview shows how the RYB color 129, 186, 117 looks on a white background.

Color Contrast Check

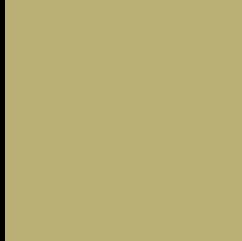
Large Text (above 18pt) WCAG AA × Fail

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 129, 186, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

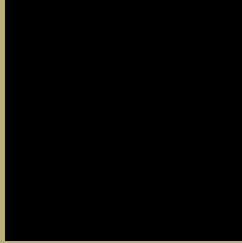
Any Text WCAG AA ✓ Pass

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 129, 186, 117 Background



This preview shows how black text looks on a background with the RYB color 129, 186, 117.



This preview shows how white text looks on a background with the RYB color 129, 186, 117.

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
129, 186, 117

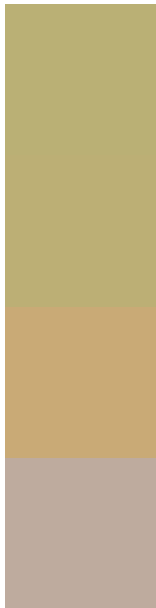
Protanopia
134, 189, 117

Deuteranopia
198, 209, 119



Tritanopia
193, 168, 181

Trichromacy



Original Color
129, 186, 117

Protanomaly
133, 188, 117

Deuteranomaly
167, 201, 118

Tritanomaly
190, 180, 158

Monochromacy



Original Color
129, 186, 117

Achromatopsia
172, 172, 172

Achromatomaly
157, 177, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 186, 117 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, 176, 117) looks like.

```
.text, #text, p{  
    color:rgb(186, 176, 117)  
}
```

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, 176, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 176, 117) }
```

Border

The CSS property to change the border of an element to RYB 129, 186, 117 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, 176, 117) }
```

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

```
.border{ border-color:rgb(186, 176, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 176, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 176, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 176, 117);  
box-shadow:4px 4px 4px 4px rgb(186, 176,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 129, 186, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 176, 117) }
```

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

```
.background{ background-color: rgb(186,  
176, 117) }
```

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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