

Converting Colors

`RYB(126, 185, 114)`

Have a look what the booklet for
RYB(126, 185, 114) contains.

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Color

R_YB(126, 185, 114)

Conversions

Conversions Part 1

Format	Color
Hex	B9AF72
RGB	185, 175, 114
RGB Percent	73%, 69%, 45%
CMY	0.2745, 0.3148, 0.5529
CMYK	0.00, 0.06, 0.38, 0.27
HSL	51°, 34%, 59%
HSV	51°, 38%, 73%
XYZ	38.3233, 42.0861, 22.0232
YIQ	171.0360, 25.5410, -16.8510

Conversions

Conversions Part 2

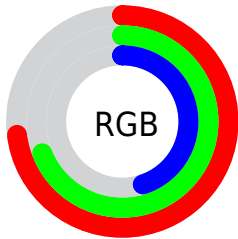
Format	Color
RYB	126, 185, 114
Decimal	12169074
CIELab	70.93, -5.32, 32.48
CIELCh	71, 32.911, 99.294
Yxy	42.0861, 0.3741, 0.4109
Android (android.graphics.Color)	4290359154 (0xFFB9AF72)
YUV	171.0360, -28.1187, 12.2464
Hunter-Lab	64.8738, -8.0827, 25.2840

Details

The RYB color **126, 185, 114** is a light color, and the websafe version is hex **999966**. A complement of this color would be **114, 123, 185**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **181, 242, 167**, and **74, 131, 65** is the 20% darker color. If you saturate the color by 10%, you get **111, 185, 96**, and if you desaturate by 10%, it is **142, 185, 133**.

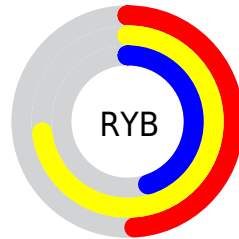
Distribution



Red (73%)

Green (69%)

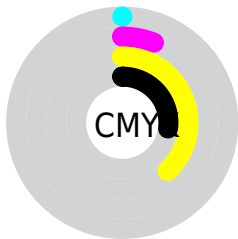
Blue (45%)



Red (49%)

Yellow (73%)

Blue (45%)

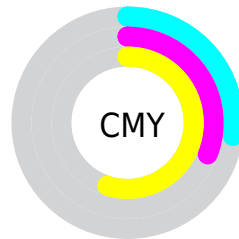


Cyan (0%)

Magenta (6%)

Yellow (38%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 185, 114 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 126, 185, 114 by changing the saturation by 10% instead.

 126, 185, 114


255, 255, 255


 181, 242, 167

 194, 255, 194

 222, 255, 222


 251, 255, 251

 126, 185, 114


 99, 157, 89

 75, 131, 65

 49, 105, 41

 23, 79, 18


 4, 56, 0

 1, 32, 0

 0, 6, 6

 0, 0, 0

 126, 185, 114

 126, 185, 114

■ 111, 185, 96

■ 142, 185, 133

■ 96, 185, 77

■ 157, 185, 151

■ 80, 185, 59

■ 172, 185, 170

■ 65, 185, 40

■ 185, 185, 188

■ 50, 185, 22

■ 185, 188, 207

■ 33, 185, 3

■ 185, 190, 225

■ 32, 185, 0

■ 185, 192, 244

■ 185, 195, 255

■ 185, 197, 255

Harmonies

Analogous

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



212, 212, 118



126, 185, 114



126, 183, 157

Triad

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



126, 185, 114



72, 135, 211



219, 154, 195

Complementary

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



126, 185, 114



114, 123, 185

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, 163, 220



126, 185, 114



102, 151, 229

Square

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



126, 185, 114



83, 139, 190



147, 167, 232



233, 151, 165

Rectangle

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



126, 185, 114



128, 176, 187



147, 167, 232



211, 156, 205

Sweetspot

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



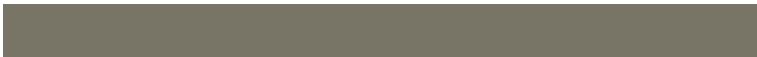
126, 185, 114



216, 240, 211



185, 114, 125



107, 120, 103



247, 247, 247



120, 120, 120

Same Dimension

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



126, 185, 114



148, 240, 129



114, 185, 139



86, 92, 83



27, 156, 0



5, 28, 0

Inverse Universe

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



114, 123, 185



129, 143, 240



139, 114, 185



83, 84, 92



0, 19, 156



0, 4, 28

Previews

White Background



This preview shows how the RYB color 126, 185, 114 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 126, 185, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

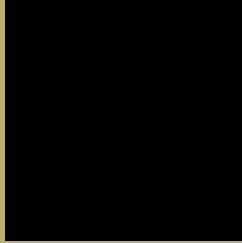
Any Text WCAG AA ✓ Pass

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 126, 185, 114 Background



This preview shows how black text looks on a background with the RYB color 126, 185, 114.



This preview shows how white text looks on a background with the RYB color 126, 185, 114.

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
126, 185, 114

Protanopia
133, 189, 114

Deuteranopia
193, 208, 116



Tritanopia
192, 167, 180

Trichromacy



Original Color
126, 185, 114

Protanomaly
131, 188, 114

Deuteranomaly
164, 200, 115

Tritanomaly
189, 180, 156

Monochromacy



Original Color
126, 185, 114

Achromatopsia
171, 171, 171

Achromatomaly
155, 176, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 185, 114 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(185, 175, 114)` looks like.

```
.text, #text, p{  
    color:rgb(185, 175, 114)  
}
```

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(185, 175, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 175, 114) }
```

Border

The CSS property to change the border of an element to RYB 126, 185, 114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

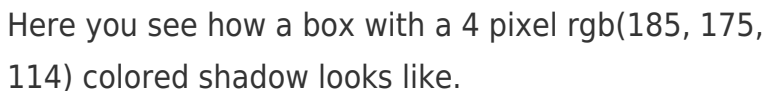
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 175, 114) }
```

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

```
.border{ border-color:rgb(185, 175, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 175, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 175, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 175, 114);  
box-shadow:4px 4px 4px 4px rgb(185, 175,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 126, 185, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 175, 114) }
```

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

```
.background{ background-color: rgb(185,  
175, 114) }
```

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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