

Converting Colors

`RYB(114, 185, 112)`

Have a look what the booklet for
RYB(114, 185, 112) contains.

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Color

R_YB(114, 185, 112)

Conversions

Conversions Part 1

Format	Color
Hex	B9B770
RGB	185, 183, 112
RGB Percent	73%, 72%, 44%
CMY	0.2745, 0.2821, 0.5608
CMYK	0.00, 0.01, 0.39, 0.27
HSL	58°, 34%, 58%
HSV	58°, 39%, 73%
XYZ	39.8767, 45.3731, 21.9854
YIQ	175.5040, 23.9830, -21.6570

Conversions

Conversions Part 2

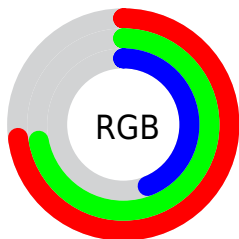
Format	Color
RYB	114, 185, 112
Decimal	12171120
CIELab	73.14, -9.90, 36.35
CIELCh	73, 37.675, 105.237
Yxy	45.3731, 0.3719, 0.4231
Android (android.graphics.Color)	4290361200 (0xFFB9B770)
YUV	175.5040, -31.3075, 8.3280
Hunter-Lab	67.3596, -12.2077, 27.8001

Details

The RYB color **114, 185, 112** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **112, 114, 185**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **168, 242, 165**, and **63, 131, 62** is the 20% darker color. If you saturate the color by 10%, you get **96, 185, 94**, and if you desaturate by 10%, it is **132, 185, 131**.

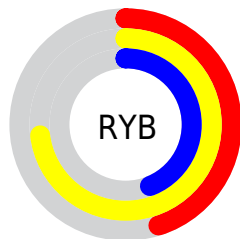
Distribution



Red (73%)

Green (72%)

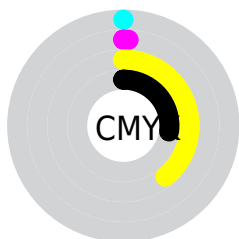
Blue (44%)



Red (45%)

Yellow (73%)

Blue (44%)

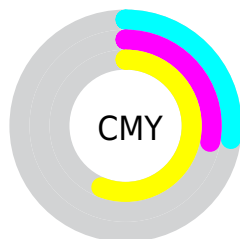


Cyan (0%)

Magenta (1%)

Yellow (39%)

Black (27%)



Cyan (27%)


Magenta (28%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 185, 112 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 114, 185, 112 by changing the saturation by 10% instead.

 114, 185, 112

255, 255, 255


 168, 242, 165


 192, 255, 192


 220, 255, 220

 249, 255, 249

 114, 185, 112

 88, 157, 87

 63, 131, 62

 38, 105, 39


 14, 81, 16


 0, 58, 3

 0, 37, 6

 0, 17, 17

 0, 0, 0

 114, 185, 112

 114, 185, 112

96, 185, 94

132, 185, 131

78, 185, 75

150, 185, 149

60, 185, 57

168, 185, 168

42, 185, 38

185, 185, 186

24, 185, 20

185, 186, 205

6, 185, 1

185, 186, 223

5, 185, 0

185, 187, 242

185, 187, 255

Harmonies

Analogous

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



195, 218, 113



114, 185, 112



130, 192, 176

Triad

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



114, 185, 112



50, 130, 227



236, 155, 198

Complementary

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



114, 185, 112



112, 114, 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.



206, 164, 228



114, 185, 112



102, 156, 246

Square

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



114, 185, 112



58, 129, 198



159, 174, 246



247, 153, 163

Rectangle

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



114, 185, 112



118, 173, 196



159, 174, 246



228, 157, 209

Sweetspot

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



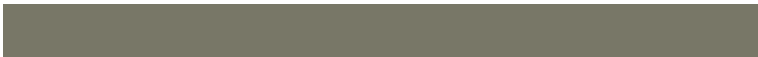
114, 185, 112



212, 240, 211



185, 112, 114



104, 120, 103



247, 247, 247



120, 120, 120

Same Dimension

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



114, 185, 112



130, 240, 127



112, 185, 146



83, 92, 83



5, 156, 0



1, 28, 0

Inverse Universe

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



112, 114, 185



127, 130, 240



146, 112, 185



83, 83, 92



0, 4, 156



0, 1, 28

Previews

White Background



This preview shows how the RYB color 114, 185, 112 looks on a white background.

Color Contrast Check

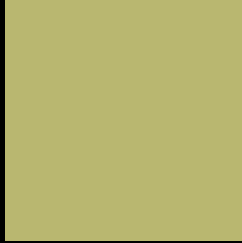
Large Text (above 18pt) WCAG AA × Fail

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 114, 185, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

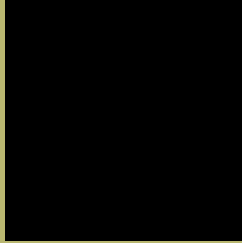
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

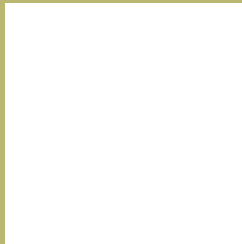
Any Text WCAG AAA ✓ Pass

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

RYB 114, 185, 112 Background



This preview shows how black text looks on a background with the RYB color 114, 185, 112.




This preview shows how white text looks on a background with the RYB color 114, 185, 112.

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](#).

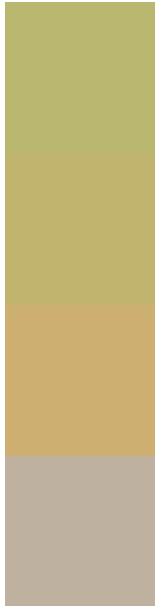
Dichromacy

	Original Color 114 , 185 , 112
	Protanopia 132 , 196 , 111
	Deuteranopia 196 , 216 , 115



Tritanopia
194, 174, 188

Trichromacy



Original Color
114, 185, 112

Protanomaly
125, 192, 111

Deuteranomaly
159, 205, 114

Tritanomaly
186, 191, 160

Monochromacy



Original Color
114, 185, 112

Achromatopsia
176, 176, 176

Achromatomaly
153, 179, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 185, 112 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, 183, 112)` looks like.

```
.text, #text, p{  
    color:rgb(185, 183, 112)  
}
```

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, 183, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 183, 112) }
```

Border

The CSS property to change the border of an element to RYB 114, 185, 112 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, 183, 112) }
```

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

```
.border{ border-color:rgb(185, 183, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 183, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 183, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 183, 112);  
box-shadow:4px 4px 4px 4px rgb(185, 183,  
112) }
```

Background

The CSS property to change the background color of an element to RYB 114, 185, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 183, 112) }
```

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

```
.background{ background-color: rgb(185,  
183, 112) }
```

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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