

Converting Colors

`RYB(149, 184, 113)`

Have a look what the booklet for
RYB(149, 184, 113) contains.

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Color

R_YB(149, 184, 113)

Conversions

Conversions Part 1

Format	Color
Hex	B8A071
RGB	184, 160, 113
RGB Percent	72%, 63%, 44%
CMY	0.2784, 0.3721, 0.5569
CMYK	0.00, 0.13, 0.39, 0.28
HSL	40°, 33%, 58%
HSV	40°, 39%, 72%
XYZ	35.3381, 36.5631, 20.8177
YIQ	161.8180, 29.3910, -9.5290

Conversions

Conversions Part 2

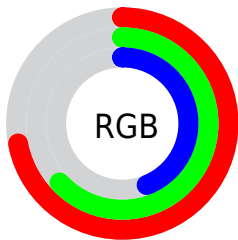
Format	Color
RYB	149, 184, 113
Decimal	12099697
CIELab	66.95, 2.00, 27.80
CIElCh	67, 27.867, 85.888
Yxy	36.5631, 0.3811, 0.3943
Android (android.graphics.Color)	4290289777 (0xFFB8A071)
YUV	161.8180, -24.0673, 19.4536
Hunter-Lab	60.4674, -1.5000, 21.9149

Details

The RYB color **149, 184, 113** is a light color, and the websafe version is hex **999966**. A complement of this color would be **113, 131, 184**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **205, 241, 165**, and **95, 130, 64** is the 20% darker color. If you saturate the color by 10%, you get **140, 184, 95**, and if you desaturate by 10%, it is **158, 184, 131**.

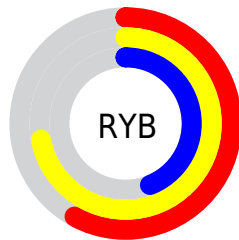
Distribution



Red (72%)

Green (63%)

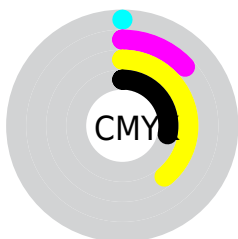
Blue (44%)



Red (58%)

Yellow (72%)

Blue (44%)

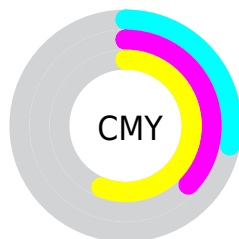


Cyan (0%)

Magenta (13%)

Yellow (39%)

Black (28%)



Cyan (28%)

Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 184, 113 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 149, 184, 113 by changing the saturation by 10% instead.

 149, 184, 113

255, 255, 255


 205, 241, 165

 208, 255, 193

 221, 255, 221


 249, 255, 249

 149, 184, 113

 121, 156, 88

 95, 130, 64

 68, 104, 41


 41, 78, 19

 21, 55, 0

 17, 31, 0


 0, 0, 0

 149, 184, 113


 140, 184, 95

 149, 184, 113


 158, 184, 131

 130, 184, 76

 169, 184, 150

 121, 184, 58


 175, 184, 168

 113, 184, 39

 184, 185, 187

 104, 184, 21

 184, 189, 205

 95, 184, 3

 184, 194, 223

 94, 184, 0

 184, 198, 242

 184, 203, 255

 184, 206, 255

Harmonies

Analogous

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



204, 169, 122



149, 184, 113



117, 168, 127

Triad

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



149, 184, 113



85, 132, 184



192, 149, 191

Complementary

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



149, 184, 113



113, 131, 184

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.



162, 158, 208



149, 184, 113



94, 140, 204

Square

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



149, 184, 113



101, 144, 177



126, 153, 212



209, 145, 167

Rectangle

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



149, 184, 113



127, 172, 160



126, 153, 212



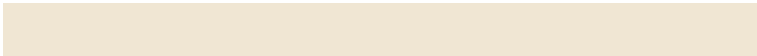
183, 152, 198

Sweetspot

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



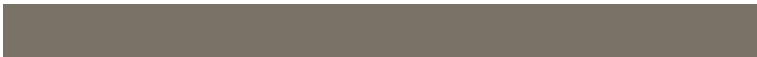
149, 184, 113



226, 240, 211



184, 113, 138



112, 120, 103



247, 247, 247



120, 120, 120

Same Dimension

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



149, 184, 113



185, 240, 129



113, 184, 124



88, 92, 83



80, 156, 0



13, 28, 0

Inverse Universe

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



113, 131, 184



129, 157, 240



124, 113, 184



83, 85, 92



0, 39, 156



0, 7, 28

Previews

White Background



This preview shows how the RYB color 149, 184, 113 looks on a white background.

Color Contrast Check

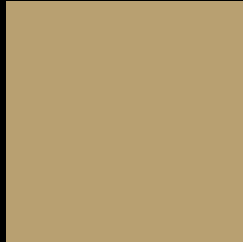
Large Text (above 18pt) WCAG AA × Fail

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 149, 184, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

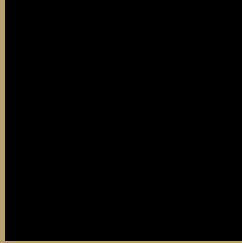
Any Text WCAG AA ✓ Pass

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 149, 184, 113 Background



This preview shows how black text looks on a background with the RYB color 149, 184, 113.



This preview shows how white text looks on a background with the RYB color 149, 184, 113.

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

149, 184, 113

Protanopia

130, 176, 114

Deuteranopia

186, 194, 114



Tritanopia
190, 153, 165

Trichromacy



Original Color

149, 184, 113

Protanomaly

137, 179, 114

Deuteranomaly

172, 190, 114

Tritanomaly

188, 159, 146

Monochromacy



Original Color

149, 184, 113

Achromatopsia

162, 162, 162

Achromatomaly

158, 170, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 184, 113 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(184, 160, 113)` looks like.

```
.text, #text, p{  
    color:rgb(184, 160, 113)  
}
```

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(184, 160, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 160, 113) }
```

Border

The CSS property to change the border of an element to RYB 149, 184, 113 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(184, 160, 113) }
```

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

```
.border{ border-color:rgb(184, 160, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 160, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 160, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 160, 113);  
box-shadow:4px 4px 4px 4px rgb(184, 160,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 149, 184, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 160, 113) }
```

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

```
.background{ background-color: rgb(184,  
160, 113) }
```

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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