

Converting Colors

`RYB(142, 164, 142)`

Have a look what the booklet for
RYB(142, 164, 142) contains.

RYB(142, 164, 142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(142, 164, 142)

Conversions

Conversions Part 1

Format	Color
Hex	A4A48E
RGB	164, 164, 142
RGB Percent	64%, 64%, 56%
CMY	0.3569, 0.3569, 0.4431
CMYK	0.00, 0.00, 0.13, 0.36
HSL	60°, 11%, 60%
HSV	60°, 13%, 64%
XYZ	33.4678, 36.3964, 30.8525
YIQ	161.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

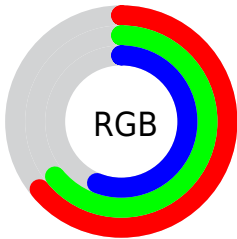
Format	Color
RYB	142, 164, 142
Decimal	10790030
CIELab	66.82, -3.92, 11.43
CIElCh	67, 12.085, 108.906
Yxy	36.3964, 0.3323, 0.3614
Android (android.graphics.Color)	4288980110 (0xFFA4A48E)
YUV	161.4920, -9.6096, 2.1995
Hunter-Lab	60.3295, -6.5536, 11.9097

Details

The RYB color **142, 164, 142** is a light color, and the websafe version is hex **999999**. A complement of this color would be **142, 142, 164**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **196, 219, 196**, and **92, 112, 92** is the 20% darker color. If you saturate the color by 10%, you get **126, 164, 126**, and if you desaturate by 10%, it is **158, 164, 158**.

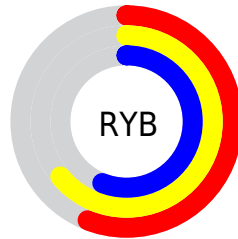
Distribution



Red (64%)

Green (64%)

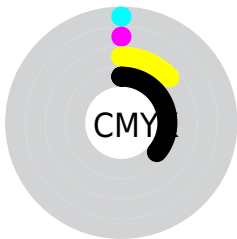
Blue (56%)



Red (56%)

Yellow (64%)

Blue (56%)

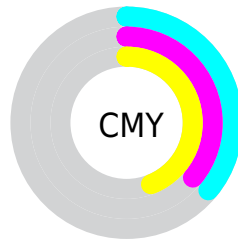


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 164, 142 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 142, 164, 142 by changing the saturation by 10% instead.

 142, 164, 142

255, 255, 255


 196, 219, 196


 225, 248, 224

 252, 255, 252

 142, 164, 142


 116, 138, 116

 92, 112, 92


 68, 88, 68

 46, 65, 47


 25, 43, 26

 1, 23, 0

 0, 0, 0

 142, 164, 142

 126, 164, 126

 142, 164, 142

 158, 164, 158

■ 109, 164, 109

■ 164, 164, 175

■ 93, 164, 93

■ 164, 164, 191

■ 76, 164, 76

■ 164, 164, 208

■ 60, 164, 60

■ 164, 164, 224

■ 44, 164, 44

■ 164, 164, 240

■ 27, 164, 27

■ 164, 164, 255

■ 11, 164, 11

■ 0, 164, 0

Harmonies

Analogous

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



168, 175, 141



142, 164, 142



148, 167, 164

Triad

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



142, 164, 142



137, 155, 179



182, 156, 167

Complementary

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



142, 164, 142



142, 142, 164

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.



173, 158, 177



142, 164, 142



146, 159, 184

Square

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



142, 164, 142



135, 152, 169



160, 161, 183



186, 155, 156

Rectangle

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



142, 164, 142



144, 161, 168



160, 161, 183



180, 156, 171

Sweetspot

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



142, 164, 142



206, 214, 206



164, 142, 142



102, 107, 102



235, 235, 235



107, 107, 107

Same Dimension

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



142, 164, 142



180, 214, 180



142, 164, 153



73, 82, 73



0, 145, 0



0, 18, 0

Inverse Universe

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



142, 142, 164



180, 180, 214



153, 142, 164



73, 73, 82



0, 0, 145



0, 0, 18

Previews

White Background



This preview shows how the RYB color 142, 164, 142 looks on a white background.

Color Contrast Check

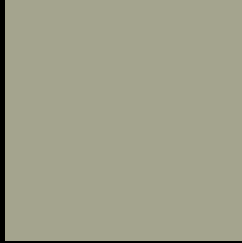
Large Text (above 18pt) WCAG AA × Fail

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 142, 164, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

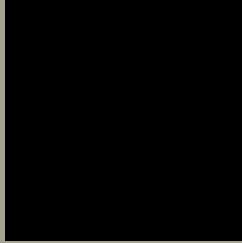
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

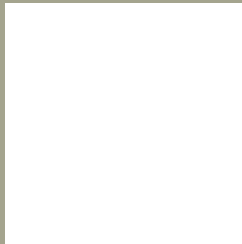
Any Text WCAG AAA ✓ Pass

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

R Y B 142, 164, 142 Background



This preview shows how black text looks on a background with the RYB color 142, 164, 142.



This preview shows how white text looks on a background with the RYB color 142, 164, 142.

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


142, 164, 142

Protanopia

152, 170, 141

Deuteranopia

185, 164, 143



Tritanopia
168, 160, 172

Trichromacy



Original Color

142, 164, 142

Protanomaly

147, 168, 141

Deuteranomaly

177, 177, 143

Tritanomaly

167, 161, 161

Monochromacy



Original Color

142, 164, 142

Achromatopsia

161, 161, 161

Achromatomaly

154, 162, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 164, 142 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(164, 164, 142) looks like.

```
.text, #text, p{  
    color:rgb(164, 164, 142)  
}
```

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(164, 164, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 164, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 164, 142 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(164, 164, 142) }
```

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

```
.border{ border-color:rgb(164, 164, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 164, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 164, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 164, 142);  
box-shadow:4px 4px 4px 4px rgb(164, 164,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 164, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 164, 142) }
```

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

```
.background{ background-color: rgb(164,  
164, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor