

Converting Colors

`RYB(128, 165, 114)`

Have a look what the booklet for
RYB(128, 165, 114) contains.

RYB(128, 165, 114)	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(128, 165, 114)

Conversions

Conversions Part 1

Format	Color
Hex	A59A72
RGB	165, 154, 114
RGB Percent	65%, 60%, 45%
CMY	0.3529, 0.3960, 0.5529
CMYK	0.00, 0.07, 0.31, 0.35
HSL	47°, 22%, 55%
HSV	47°, 31%, 65%
XYZ	30.1125, 32.3305, 20.5729
YIQ	152.7290, 19.3960, -10.1080

Conversions

Conversions Part 2

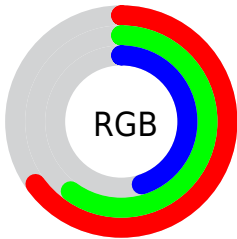
Format	Color
RYB	128, 165, 114
Decimal	10852978
CIELab	63.62, -2.31, 22.50
CIElCh	64, 22.621, 95.864
Yxy	32.3305, 0.3627, 0.3894
Android (android.graphics.Color)	4289043058 (0xFFA59A72)
YUV	152.7290, -19.0934, 10.7617
Hunter-Lab	56.8599, -4.9731, 18.3498

Details

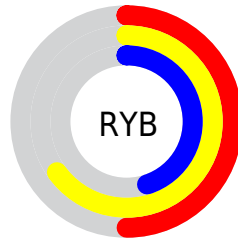
The RYB color **128, 165, 114** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **114, 123, 165**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **183, 221, 166**, and **77, 112, 66** is the 20% darker color. If you saturate the color by 10%, you get **117, 165, 98**, and if you desaturate by 10%, it is **140, 165, 131**.

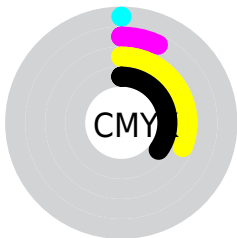
Distribution



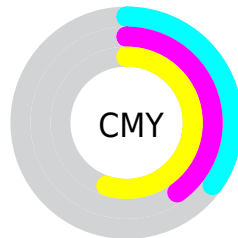
- Red (65%)
- Green (60%)
- Blue (45%)



- Red (50%)
- Yellow (65%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (35%)



- Cyan (35%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 165, 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 128, 165, 114 by changing the saturation by 10% instead.

 128, 165, 114

255, 255, 255

 183, 221, 166

 208, 249, 193


 221, 255, 221

 250, 255, 250

 128, 165, 114

 117, 165, 98

 128, 165, 114


 102, 138, 89

 77, 112, 66

 53, 87, 43


 29, 63, 21

 7, 41, 0

 0, 14, 0

 0, 0, 0

 128, 165, 114

 140, 165, 131

■ 104, 165, 81

■ 152, 165, 147

■ 93, 165, 65

■ 163, 165, 163

■ 80, 165, 48

■ 165, 168, 180

■ 68, 165, 31

■ 165, 171, 196

■ 56, 165, 15

■ 165, 173, 213

■ 46, 165, 0

■ 165, 176, 229

■ 165, 179, 246

■ 165, 182, 255

Harmonies

Analogous

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



183, 170, 118



128, 165, 114



121, 160, 138

Triad

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



128, 165, 114



96, 133, 177



183, 142, 171

Complementary

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



128, 165, 114



114, 123, 165

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, 148, 187



128, 165, 114



109, 141, 190

Square

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



128, 165, 114



101, 136, 166



135, 150, 194



194, 139, 151

Rectangle

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



128, 165, 114



127, 159, 163



135, 150, 194



177, 143, 177

Sweetspot

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



128, 165, 114



200, 214, 195



165, 114, 125



97, 107, 95



235, 235, 235



107, 107, 107

Same Dimension

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



128, 165, 114



157, 214, 135



114, 165, 128



76, 82, 73



39, 145, 0



5, 18, 0

Inverse Universe

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



114, 123, 165



135, 149, 214



128, 114, 165



73, 75, 82



0, 26, 145



0, 3, 18

Previews

White Background



This preview shows how the RYB color 128, 165, 114 looks on a white background.

Color Contrast Check

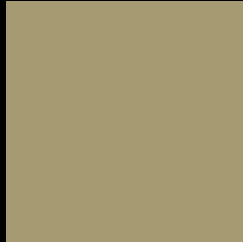
Large Text (above 18pt) WCAG AA × Fail

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 128, 165, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

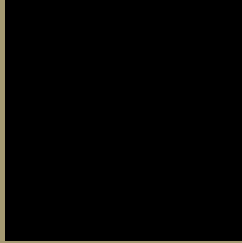
Any Text WCAG AA ✓ Pass

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 128, 165, 114 Background



This preview shows how black text looks on a background with the RYB color 128, 165, 114.



This preview shows how white text looks on a background with the RYB color 128, 165, 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

128, 165, 114

Protanopia

128, 165, 114

Deuteranopia

182, 180, 115



Tritanopia
170, 148, 160

Trichromacy



Original Color

128, 165, 114

Protanomaly

128, 165, 114

Deuteranomaly

160, 176, 115

Tritanomaly

168, 153, 143

Monochromacy



Original Color

128, 165, 114

Achromatopsia

153, 153, 153

Achromatomaly

144, 157, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 165, 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(165, 154, 114) looks like.

```
.text, #text, p{  
    color:rgb(165, 154, 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(165, 154, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 154, 114) }
```

Border

The CSS property to change the border of an element to RYB 128, 165, 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(165, 154, 114) }
```

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

```
.border{ border-color:rgb(165, 154, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 154, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 154, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 154, 114);  
box-shadow:4px 4px 4px 4px rgb(165, 154,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 128, 165, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 154, 114) }
```

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

```
.background{ background-color: rgb(165,  
154, 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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