

Converting Colors

`RYB(132, 165, 116)`

Have a look what the booklet for
RYB(132, 165, 116) contains.

RYB(132, 165, 116)	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(132, 165, 116)

Conversions

Conversions Part 1

Format	Color
Hex	A59974
RGB	165, 153, 116
RGB Percent	65%, 60%, 45%
CMY	0.3529, 0.4002, 0.5451
CMYK	0.00, 0.07, 0.30, 0.35
HSL	45°, 21%, 55%
HSV	45°, 30%, 65%
XYZ	30.0506, 32.0226, 21.1201
YIQ	152.3700, 19.0290, -8.9630

Conversions

Conversions Part 2

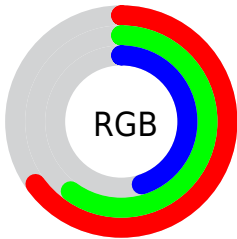
Format	Color
RYB	132, 165, 116
Decimal	10852724
CIELab	63.36, -1.45, 21.06
CIElCh	63, 21.107, 93.945
Yxy	32.0226, 0.3612, 0.3849
Android (android.graphics.Color)	4289042804 (0xFFA59974)
YUV	152.3700, -17.9304, 11.0765
Hunter-Lab	56.5885, -4.2398, 17.4836

Details

The RYB color **132, 165, 116** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **116, 126, 165**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **187, 221, 168**, and **80, 112, 67** is the 20% darker color. If you saturate the color by 10%, you get **120, 165, 99**, and if you desaturate by 10%, it is **143, 165, 132**.

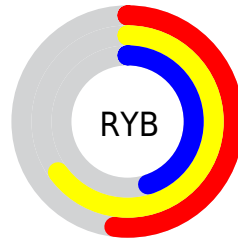
Distribution



Red (65%)

Green (60%)

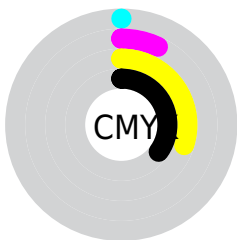
Blue (45%)



Red (52%)

Yellow (65%)

Blue (45%)

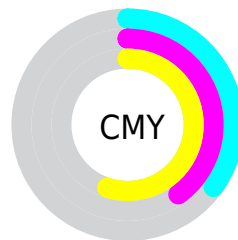


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (35%)



Cyan (35%)


Magenta (40%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 165, 116 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 132, 165, 116 by changing the saturation by 10% instead.

 132, 165, 116

255, 255, 255


 187, 221, 168


 215, 249, 196

 224, 255, 224


 252, 255, 252

 132, 165, 116

 120, 165, 99

 132, 165, 116

 105, 138, 91

 80, 112, 67

 56, 87, 45

 33, 63, 23

 8, 41, 0

 2, 15, 0

 0, 0, 0

 132, 165, 116

 143, 165, 132

■ 109, 165, 83

■ 154, 165, 149

■ 98, 165, 66

■ 165, 165, 165

■ 87, 165, 50

■ 165, 168, 182

■ 75, 165, 33

■ 165, 171, 199

■ 65, 165, 17

■ 165, 175, 215

■ 53, 165, 0

■ 165, 178, 231

■ 55, 165, 0

■ 165, 181, 248

■ 165, 184, 255

Harmonies

Analogous

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



182, 168, 120



132, 165, 116



122, 159, 137

Triad

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



132, 165, 116



100, 134, 174



180, 142, 170

Complementary

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



132, 165, 116



116, 126, 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.



160, 148, 185



132, 165, 116



111, 141, 187

Square

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



132, 165, 116



106, 137, 164



134, 149, 191



191, 140, 152

Rectangle

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



132, 165, 116



130, 160, 161



134, 149, 191



174, 144, 176

Sweetspot

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



132, 165, 116



202, 214, 195



165, 116, 128



99, 107, 95



235, 235, 235



107, 107, 107

Same Dimension

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



132, 165, 116



162, 214, 137



116, 165, 128



76, 82, 73



46, 145, 0



7, 18, 0

Inverse Universe

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



116, 126, 165



137, 152, 214



128, 116, 165



73, 75, 82



0, 29, 145



0, 3, 18

Previews

White Background



This preview shows how the RYB color 132, 165, 116 looks on a white background.

Color Contrast Check

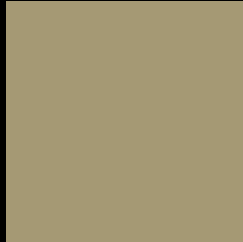
Large Text (above 18pt) WCAG AA × Fail

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 132, 165, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

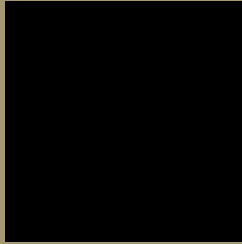
Any Text WCAG AA ✓ Pass

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 132, 165, 116 Background



This preview shows how black text looks on a background with the RYB color 132, 165, 116.



This preview shows how white text looks on a background with the RYB color 132, 165, 116.

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
132, 165, 116

Protanopia
130, 164, 116

Deuteranopia
180, 174, 117



Tritanopia
170, 147, 159

Trichromacy



Original Color
132, 165, 116

Protanomaly
130, 164, 116

Deuteranomaly
164, 175, 117

Tritanomaly
168, 151, 143

Monochromacy



Original Color
132, 165, 116

Achromatopsia
152, 152, 152

Achromatomaly
146, 157, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 165, 116 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, 153, 116) looks like.

```
.text, #text, p{  
    color:rgb(165, 153, 116)  
}
```

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, 153, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 153, 116) }
```

Border

The CSS property to change the border of an element to RYB 132, 165, 116 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, 153, 116) }
```

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

```
.border{ border-color:rgb(165, 153, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 153, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 153, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 153, 116);  
box-shadow:4px 4px 4px 4px rgb(165, 153,  
116) }
```

Background

The CSS property to change the background color of an element to RYB 132, 165, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 153, 116) }
```

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

```
.background{ background-color: rgb(165,  
153, 116) }
```

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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