

Converting Colors

`RYB(124, 165, 150)`

Have a look what the booklet for
RYB(124, 165, 150) contains.

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Color

R_YB(124, 165, 150)

Conversions

Conversions Part 1

Format	Color
Hex	8BA57C
RGB	139, 165, 124
RGB Percent	55%, 65%, 49%
CMY	0.4549, 0.3529, 0.5137
CMYK	0.16, 0.00, 0.25, 0.35
HSL	98°, 19%, 57%
HSV	98°, 25%, 65%
XYZ	27.7407, 33.8545, 24.1413
YIQ	152.5520, -2.3350, -18.2630

Conversions

Conversions Part 2

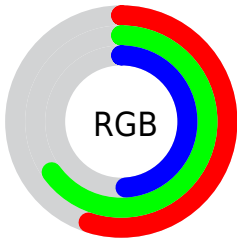
Format	Color
RYB	124, 165, 150
Decimal	9151868
CIELab	64.85, -16.82, 18.34
CIElCh	65, 24.883, 132.515
Yxy	33.8545, 0.3236, 0.3949
Android (android.graphics.Color)	4287341948 (0xFF8BA57C)
YUV	152.5520, -14.0761, -11.8851
Hunter-Lab	58.1846, -16.7195, 16.1293

Details

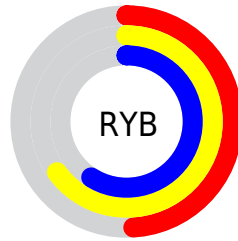
The RYB color **124, 165, 150** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **150, 124, 165**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **177, 220, 204**, and **75, 113, 100** is the 20% darker color. If you saturate the color by 10%, you get **107, 165, 143**, and if you desaturate by 10%, it is **140, 165, 156**.

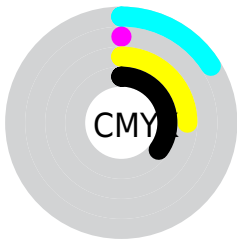
Distribution



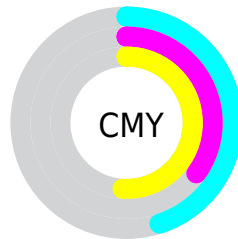
- Red (55%)
- Green (65%)
- Blue (49%)



- Red (49%)
- Yellow (65%)
- Blue (59%)



- Cyan (16%)
- Magenta (0%)
- Yellow (25%)
- Black (35%)



- Cyan (45%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 165, 150 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 124, 165, 150 by changing the saturation by 10% instead.

 124, 165, 150


255, 255, 255


 177, 220, 204

 204, 249, 232

 232, 255, 237

 124, 165, 150

 99, 139, 125

 75, 113, 100

 52, 89, 76


 30, 65, 53

 7, 43, 30


 0, 24, 24

 0, 0, 0

 124, 165, 150

 107, 165, 143

 124, 165, 150

 140, 165, 156

■ 91, 165, 138

■ 157, 165, 162

■ 74, 165, 131

■ 170, 165, 173

■ 58, 165, 126

■ 181, 165, 190

■ 42, 165, 120

■ 191, 165, 206

■ 25, 165, 114

■ 202, 165, 223

■ 8, 165, 107

■ 212, 165, 239

■ 0, 165, 105

■ 223, 165, 255

■ 233, 165, 255

Harmonies

Analogous

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



120, 164, 114



124, 165, 150



114, 150, 169

Triad

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



124, 165, 150



112, 144, 199



202, 141, 149

Complementary

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



124, 165, 150



150, 124, 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.



193, 143, 171



124, 165, 150



143, 154, 200

Square

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



124, 165, 150



92, 134, 187



172, 148, 190



199, 150, 128

Rectangle

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



124, 165, 150



100, 138, 170



172, 148, 190



201, 141, 156

Sweetspot

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



124, 165, 150



199, 214, 208



148, 165, 124



99, 107, 104



235, 235, 235



107, 107, 107

Same Dimension

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



124, 165, 150



150, 214, 191



124, 161, 165



73, 82, 79



0, 145, 92



0, 18, 11

Inverse Universe

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



150, 124, 165



191, 150, 214



165, 124, 160



79, 73, 82



92, 0, 145



11, 0, 18

Previews

White Background



This preview shows how the RYB color 124, 165, 150 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 124, 165, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

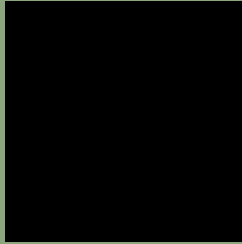
Any Text WCAG AA ✓ Pass

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 124, 165, 150 Background



This preview shows how black text looks on a background with the RYB color 124, 165, 150.



This preview shows how white text looks on a background with the RYB color 124, 165, 150.

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
124, 165, 150

Protanopia
134, 168, 120

Deuteranopia
182, 170, 127



Tritanopia
146, 155, 171

Trichromacy



Original Color
124, 165, 150

Protanomaly
121, 160, 124

Deuteranomaly
139, 166, 126

Tritanomaly
143, 154, 161

Monochromacy



Original Color
124, 165, 150

Achromatopsia
153, 153, 153

Achromatomaly
142, 157, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 165, 150 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(139, 165, 124)` looks like.

```
.text, #text, p{  
    color:rgb(139, 165, 124)  
}
```

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(139, 165, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 165, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 165, 150 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(139, 165, 124) }
```

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

```
.border{ border-color:rgb(139, 165, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 165, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 165, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 165, 124);  
box-shadow:4px 4px 4px 4px rgb(139, 165,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 165, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 165, 124) }
```

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

```
.background{ background-color: rgb(139,  
165, 124) }
```

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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