

Converting Colors

`RYB(143, 165, 120)`

Have a look what the booklet for
RYB(143, 165, 120) contains.

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Color

R_YB(143, 165, 120)

Conversions

Conversions Part 1

Format	Color
Hex	A59678
RGB	165, 150, 120
RGB Percent	65%, 59%, 47%
CMY	0.3529, 0.4126, 0.5294
CMYK	0.00, 0.09, 0.27, 0.35
HSL	40°, 20%, 56%
HSV	40°, 27%, 65%
XYZ	29.7784, 31.0978, 22.2023
YIQ	151.0650, 18.5700, -6.1500

Conversions

Conversions Part 2

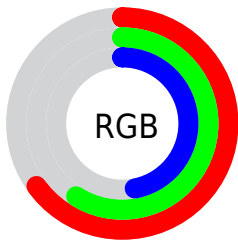
Format	Color
RYB	143, 165, 120
Decimal	10851960
CIELab	62.59, 0.84, 17.78
CIElCh	63, 17.802, 87.290
Yxy	31.0978, 0.3584, 0.3743
Android (android.graphics.Color)	4289042040 (0xFFA59678)
YUV	151.0650, -15.3150, 12.2210
Hunter-Lab	55.7654, -2.2714, 15.4302

Details

The RYB color **143, 165, 120** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **120, 131, 165**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **196, 220, 172**, and **92, 113, 71** is the 20% darker color. If you saturate the color by 10%, you get **135, 165, 103**, and if you desaturate by 10%, it is **153, 165, 137**.

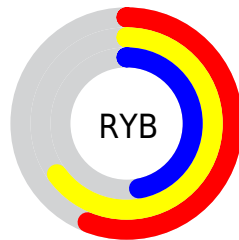
Distribution



Red (65%)

Green (59%)

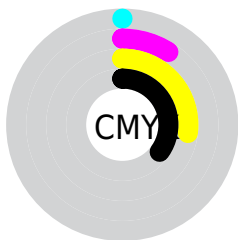
Blue (47%)



Red (56%)

Yellow (65%)

Blue (47%)

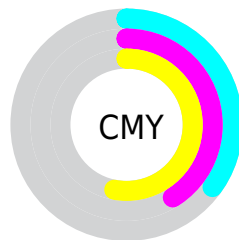


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 165, 120 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 143, 165, 120 by changing the saturation by 10% instead.

 143, 165, 120

255, 255, 255


 196, 220, 172

 226, 249, 200

 228, 255, 228


 143, 165, 120

 116, 138, 95

 92, 113, 71

 69, 88, 49

 43, 64, 27

 15, 42, 2

 16, 16, 0

 0, 0, 0

 143, 165, 120

 135, 165, 103

 143, 165, 120

 153, 165, 137

■ 126, 165, 87

■ 159, 165, 153

■ 118, 165, 70

■ 165, 166, 170

■ 112, 165, 54

■ 165, 170, 186

■ 102, 165, 37

■ 165, 175, 203

■ 95, 165, 21

■ 165, 179, 219

■ 85, 165, 4

■ 165, 183, 235

■ 85, 165, 0

■ 165, 187, 252

■ 165, 190, 255

Harmonies

Analogous

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



178, 157, 125



143, 165, 120



123, 155, 130

Triad

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



143, 165, 120



108, 135, 165



171, 143, 169

Complementary

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



143, 165, 120



120, 131, 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.



152, 148, 179



143, 165, 120



114, 140, 177

Square

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



143, 165, 120



115, 141, 160



131, 146, 183



182, 140, 153

Rectangle

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



143, 165, 120



130, 157, 151



131, 146, 183



165, 144, 173

Sweetspot

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



143, 165, 120



206, 214, 197



165, 120, 136



102, 107, 96



235, 235, 235



107, 107, 107

Same Dimension

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



143, 165, 120



181, 214, 144



120, 165, 127



78, 82, 73



74, 145, 0



9, 18, 0

Inverse Universe

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



120, 131, 165



144, 161, 214



127, 120, 165



73, 75, 82



0, 37, 145



0, 5, 18

Previews

White Background



This preview shows how the RYB color 143, 165, 120 looks on a white background.

Color Contrast Check

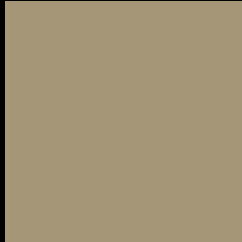
Large Text (above 18pt) WCAG AA × Fail

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 143, 165, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

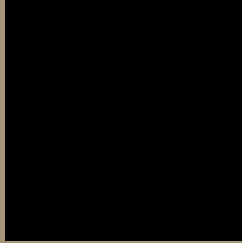
Any Text WCAG AA ✓ Pass

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 143, 165, 120 Background



This preview shows how black text looks on a background with the RYB color 143, 165, 120.



This preview shows how white text looks on a background with the RYB color 143, 165, 120.

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


143, 165, 120

Protanopia

134, 161, 121

Deuteranopia

176, 164, 121



Tritanopia
169, 145, 156

Trichromacy



Original Color
143, 165, 120

Protanomaly
136, 162, 121

Deuteranomaly
170, 172, 121

Tritanomaly
168, 148, 143

Monochromacy



Original Color
143, 165, 120

Achromatopsia
151, 151, 151

Achromatomaly
147, 156, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 165, 120 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, 150, 120)` looks like.

```
.text, #text, p{  
    color:rgb(165, 150, 120)  
}
```

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, 150, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 150, 120) }
```

Border

The CSS property to change the border of an element to RYB 143, 165, 120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

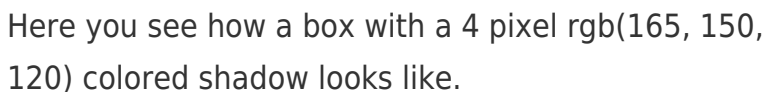
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 150, 120) }
```

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

```
.border{ border-color:rgb(165, 150, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 150, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 150, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 150, 120); box-shadow:4px 4px 4px 4px rgb(165, 150, 120) }
```

Background

The CSS property to change the background color of an element to RYB 143, 165, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 150, 120) }
```

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

```
.background{ background-color: rgb(165,  
150, 120) }
```

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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