

Converting Colors

`RYB(125, 171, 150)`

Have a look what the booklet for
RYB(125, 171, 150) contains.

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Color

R_YB(125, 171, 150)

Conversions

Conversions Part 1

Format	Color
Hex	92AB7D
RGB	146, 171, 125
RGB Percent	57%, 67%, 49%
CMY	0.4275, 0.3294, 0.5098
CMYK	0.15, 0.00, 0.27, 0.33
HSL	93°, 21%, 58%
HSV	93°, 27%, 67%
XYZ	30.1186, 36.7175, 24.9018
YIQ	158.2810, -0.1340, -19.6060

Conversions

Conversions Part 2

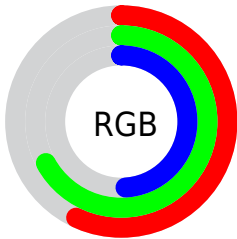
Format	Color
RYB	125, 171, 150
Decimal	9612157
CIELab	67.06, -17.16, 20.91
CIELCh	67, 27.045, 129.372
Yxy	36.7175, 0.3283, 0.4002
Android (android.graphics.Color)	4287802237 (0xFF92AB7D)
YUV	158.2810, -16.4075, -10.7704
Hunter-Lab	60.5950, -17.3180, 18.0509

Details

The RYB color **125, 171, 150** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **150, 125, 171**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **178, 226, 204**, and **76, 119, 100** is the 20% darker color. If you saturate the color by 10%, you get **108, 171, 142**, and if you desaturate by 10%, it is **142, 171, 158**.

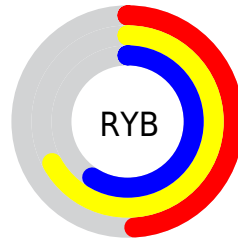
Distribution



Red (57%)

Green (67%)

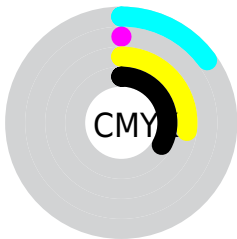
Blue (49%)



Red (49%)

Yellow (67%)

Blue (59%)

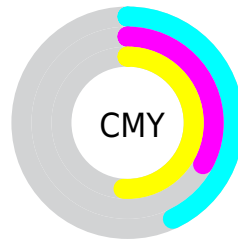


Cyan (15%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (43%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 171, 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 125, 171, 150 by changing the saturation by 10% instead.

 125, 171, 150


255, 255, 255


 178, 226, 204

 205, 255, 231


 234, 255, 234

 125, 171, 150

 100, 144, 124

 76, 119, 100

 53, 94, 76

 31, 70, 54

 8, 48, 31


 0, 28, 28


 0, 0, 0

 125, 171, 150


 108, 171, 142

 125, 171, 150


 142, 171, 158

 91, 171, 135


 159, 171, 165


 74, 171, 127


 174, 171, 176


 57, 171, 119


 183, 171, 193


 39, 171, 110


 192, 171, 210


 22, 171, 103


 202, 171, 228

 5, 171, 95

 211, 171, 245

 0, 171, 93

 220, 171, 255

 230, 171, 255

Harmonies

Analogous

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



126, 173, 115



125, 171, 150



118, 157, 175

Triad

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



125, 171, 150



109, 147, 208



212, 145, 156

Complementary

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



125, 171, 150



150, 125, 171

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.



201, 147, 181



125, 171, 150



143, 158, 211

Square

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



125, 171, 150



89, 136, 193



177, 154, 201



209, 153, 133

Rectangle

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



125, 171, 150



101, 143, 177



177, 154, 201



210, 145, 165

Sweetspot

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



125, 171, 150



204, 222, 214



164, 171, 125



101, 112, 107



240, 240, 240



112, 112, 112

Same Dimension

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



125, 171, 150



151, 222, 190



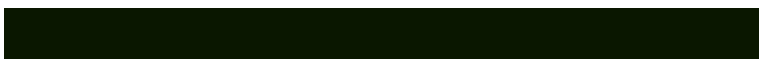
125, 169, 171



78, 87, 83



0, 150, 81



0, 23, 13

Inverse Universe

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



150, 125, 171



189, 151, 222



171, 125, 169



83, 78, 87



82, 0, 150



12, 0, 23

Previews

White Background



This preview shows how the RYB color 125, 171, 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 125, 171, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

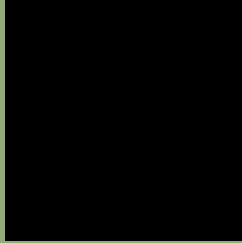
Any Text WCAG AA ✓ Pass

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 125, 171, 150 Background



This preview shows how black text looks on a background with the RYB color 125, 171, 150.



This preview shows how white text looks on a background with the RYB color 125, 171, 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](#).

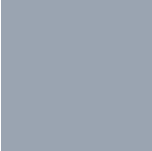
Dichromacy



Original Color
125, 171, 150

Protanopia
136, 175, 121

Deuteranopia
190, 179, 128



Tritanopia
154, 161, 177

Trichromacy



Original Color

125, 171, 150

Protanomaly

122, 166, 124

Deuteranomaly

145, 174, 127

Tritanomaly

151, 162, 167

Monochromacy



Original Color

125, 171, 150

Achromatopsia

158, 158, 158

Achromatomaly

146, 163, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 171, 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(146, 171, 125) looks like.

```
.text, #text, p{  
    color:rgb(146, 171, 125)  
}
```

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(146, 171, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 171, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 171, 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(146, 171, 125) }
```

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

```
.border{ border-color:rgb(146, 171, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 171, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 171, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 171, 125);  
box-shadow:4px 4px 4px 4px rgb(146, 171,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 171, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 171, 125) }
```

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

```
.background{ background-color: rgb(146,  
171, 125) }
```

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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