

Converting Colors

`RYB(132, 173, 153)`

Have a look what the booklet for
RYB(132, 173, 153) contains.

RYB(132, 173, 153)	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, 173, 153)

Conversions

Conversions Part 1

Format	Color
Hex	98AD84
RGB	152, 173, 132
RGB Percent	60%, 68%, 52%
CMY	0.4039, 0.3216, 0.4824
CMYK	0.12, 0.00, 0.24, 0.32
HSL	91°, 20%, 60%
HSV	91°, 24%, 68%
XYZ	32.0573, 38.2285, 27.5190
YIQ	162.0470, 0.6450, -17.2030

Conversions

Conversions Part 2

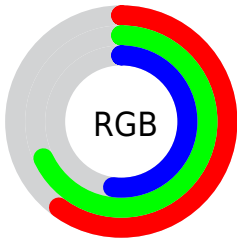
Format	Color
RYB	132, 173, 153
Decimal	10005892
CIELab	68.19, -14.84, 18.70
CIELCh	68, 23.874, 128.430
Yxy	38.2285, 0.3278, 0.3909
Android (android.graphics.Color)	4288195972 (0xFF98AD84)
YUV	162.0470, -14.8132, -8.8112
Hunter-Lab	61.8292, -15.6520, 16.8915

Details

The RYB color **132, 173, 153** is a light color, and the websafe version is hex **999966**. A complement of this color would be **153, 132, 173**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **185, 228, 206**, and **82, 121, 102** is the 20% darker color. If you saturate the color by 10%, you get **115, 173, 145**, and if you desaturate by 10%, it is **149, 173, 161**.

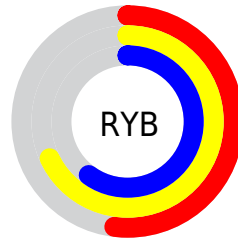
Distribution



Red (60%)

Green (68%)

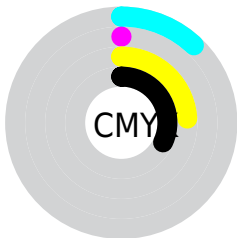
Blue (52%)



Red (52%)

Yellow (68%)

Blue (60%)

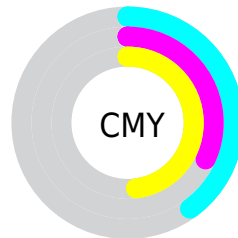


Cyan (12%)

Magenta (0%)

Yellow (24%)

Black (32%)



Cyan (40%)


Magenta (32%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 173, 153 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, 173, 153 by changing the saturation by 10% instead.


 132, 173, 153


255, 255, 255


 185, 228, 206

 213, 255, 233

 241, 255, 241

 132, 173, 153

 107, 146, 127

 82, 121, 102

 59, 96, 79

 37, 72, 56

 16, 49, 34


 0, 29, 22

 0, 0, 0

 132, 173, 153

 115, 173, 145

 132, 173, 153

 149, 173, 161

■ 97, 173, 136

■ 167, 173, 170

■ 80, 173, 128

■ 179, 173, 184

■ 63, 173, 119

■ 187, 173, 201

■ 45, 173, 110

■ 196, 173, 219

■ 28, 173, 102

■ 205, 173, 236

■ 11, 173, 94

■ 214, 173, 253

■ 0, 173, 89

■ 223, 173, 255

■ 232, 173, 255

Harmonies

Analogous

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



135, 176, 124



132, 173, 153



128, 162, 177

Triad

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



132, 173, 153



120, 153, 206



210, 151, 161

Complementary

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



132, 173, 153



153, 132, 173

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.



199, 153, 183



132, 173, 153



148, 162, 209

Square

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



132, 173, 153



104, 144, 192



177, 159, 200



208, 156, 140

Rectangle

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



132, 173, 153



114, 150, 178



177, 159, 200



208, 151, 168

Sweetspot

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



132, 173, 153



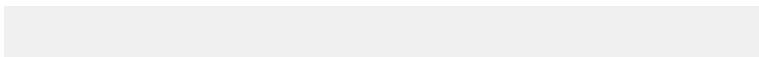
209, 224, 217



171, 173, 132



103, 112, 107



240, 240, 240



112, 112, 112

Same Dimension

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



132, 173, 153



162, 224, 194



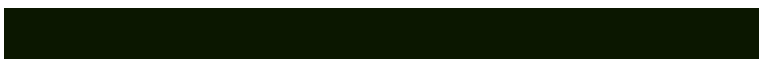
132, 173, 173



78, 87, 83



0, 150, 77



0, 23, 12

Inverse Universe

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



153, 132, 173



194, 162, 224



173, 132, 173



82, 78, 87



77, 0, 150



12, 0, 23

Previews

White Background



This preview shows how the RYB color 132, 173, 153 looks on a white background.

Color Contrast Check

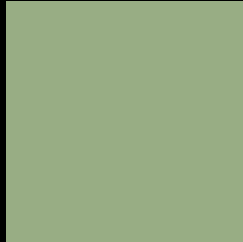
Large Text (above 18pt) WCAG AA × Fail

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, 173, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

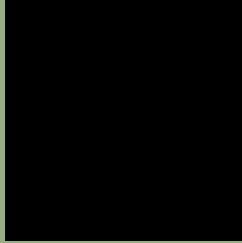
Any Text WCAG AA ✓ Pass

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, 173, 153 Background



This preview shows how black text looks on a background with the RYB color 132, 173, 153.



This preview shows how white text looks on a background with the RYB color 132, 173, 153.

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](#).

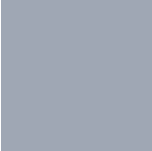
Dichromacy



Original Color
132, 173, 153

Protanopia
143, 177, 129

Deuteranopia
193, 176, 135



Tritanopia
159, 165, 180

Trichromacy



Original Color
132, 173, 153

Protanomaly
130, 169, 131

Deuteranomaly
155, 178, 134

Tritanomaly
156, 164, 169

Monochromacy



Original Color
132, 173, 153

Achromatopsia
162, 162, 162

Achromatomaly
151, 166, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 173, 153 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(152, 173, 132)` looks like.

```
.text, #text, p{  
    color:rgb(152, 173, 132)  
}
```

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(152, 173, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 173, 132) }
```

Border

The CSS property to change the border of an element to RYB 132, 173, 153 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(152, 173, 132) }
```

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

```
.border{ border-color:rgb(152, 173, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 173, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 173, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 173, 132);  
box-shadow:4px 4px 4px 4px rgb(152, 173,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 132, 173, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 173, 132) }
```

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

```
.background{ background-color: rgb(152,  
173, 132) }
```

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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