

Converting Colors

`RYB(142, 173, 150)`

Have a look what the booklet for
RYB(142, 173, 150) contains.

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Color

R_YB(142, 173, 150)

Conversions

Conversions Part 1

Format	Color
Hex	A5AD8E
RGB	165, 173, 142
RGB Percent	65%, 68%, 56%
CMY	0.3529, 0.3216, 0.4431
CMYK	0.05, 0.00, 0.18, 0.32
HSL	75°, 16%, 62%
HSV	75°, 18%, 68%
XYZ	35.3431, 39.8395, 31.4182
YIQ	167.0740, 5.1830, -11.3370

Conversions

Conversions Part 2

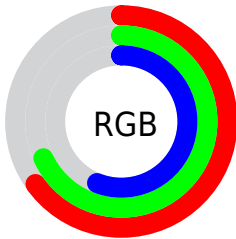
Format	Color
RYB	142, 173, 150
Decimal	10857870
CIELab	69.36, -8.36, 15.00
CIElCh	69, 17.175, 119.128
Yxy	39.8395, 0.3315, 0.3737
Android (android.graphics.Color)	4289047950 (0xFFA5AD8E)
YUV	167.0740, -12.3615, -1.8189
Hunter-Lab	63.1185, -10.5066, 14.6705

Details

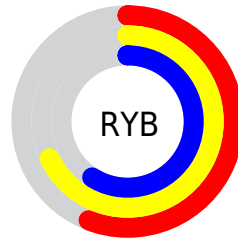
The RYB color **142, 173, 150** is a light color, and the websafe version is hex **999966**. A complement of this color would be **150, 142, 173**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **196, 228, 204**, and **92, 121, 100** is the 20% darker color. If you saturate the color by 10%, you get **125, 173, 137**, and if you desaturate by 10%, it is **159, 173, 163**.

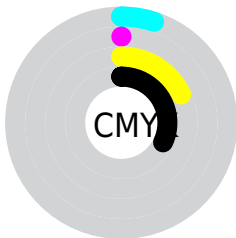
Distribution



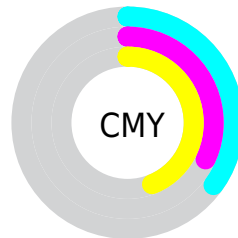
- Red (65%)
- Green (68%)
- Blue (56%)



- Red (56%)
- Yellow (68%)
- Blue (59%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (32%)



- Cyan (35%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 173, 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 142, 173, 150 by changing the saturation by 10% instead.

 142, 173, 150

255, 255, 255


 196, 228, 204

 224, 255, 230

 252, 255, 252

 142, 173, 150

 116, 146, 123

 92, 121, 100


 68, 96, 76

 46, 72, 53

 25, 50, 33

 0, 29, 6

 0, 0, 0

 142, 173, 150

 125, 173, 137

 142, 173, 150

 159, 173, 163

■ 107, 173, 124

■ 174, 173, 177

■ 90, 173, 111

■ 178, 173, 194

■ 73, 173, 99

■ 183, 173, 211

■ 56, 173, 86

■ 187, 173, 229

■ 38, 173, 73

■ 192, 173, 246

■ 21, 173, 60

■ 196, 173, 255

■ 4, 173, 48

■ 201, 173, 255

■ 0, 173, 45

■ 205, 173, 255

Harmonies

Analogous

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



159, 182, 138



142, 173, 150



147, 172, 177

Triad

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



142, 173, 150



135, 159, 196



200, 159, 170

Complementary

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



142, 173, 150



150, 142, 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.



189, 161, 186



142, 173, 150



151, 165, 200

Square

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



142, 173, 150



128, 154, 184



172, 166, 196



202, 159, 155

Rectangle

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



142, 173, 150



137, 162, 178



172, 166, 196



197, 159, 176

Sweetspot

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



142, 173, 150



213, 224, 215



173, 153, 142



105, 112, 107



240, 240, 240



112, 112, 112

Same Dimension

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



142, 173, 150



175, 224, 187



142, 173, 165



78, 87, 81



0, 150, 38



0, 23, 6

Inverse Universe

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



150, 142, 173



188, 175, 224



165, 142, 173



80, 78, 87



39, 0, 150



6, 0, 23

Previews

White Background



This preview shows how the RYB color 142, 173, 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 142, 173, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

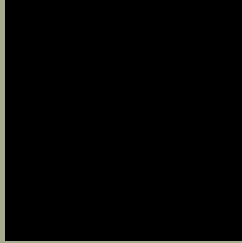
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

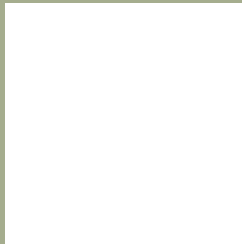
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 142, 173, 150 Background



This preview shows how black text looks on a background with the RYB color 142, 173, 150.



This preview shows how white text looks on a background with the RYB color 142, 173, 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
142, 173, 150

Protanopia
153, 179, 140

Deuteranopia
194, 175, 144



Tritanopia
171, 168, 181

Trichromacy



Original Color
142, 173, 150

Protanomaly
146, 174, 141

Deuteranomaly
170, 183, 143

Tritanomaly
167, 170, 168

Monochromacy



Original Color
142, 173, 150

Achromatopsia
167, 167, 167

Achromatomaly
158, 169, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 173, 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(165, 173, 142) looks like.

```
.text, #text, p{  
    color:rgb(165, 173, 142)  
}
```

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, 173, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 173, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 173, 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(165, 173, 142) }
```

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

```
.border{ border-color:rgb(165, 173, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 173, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 173, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 173, 142);  
box-shadow:4px 4px 4px 4px rgb(165, 173,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 173, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 173, 142) }
```

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

```
.background{ background-color: rgb(165,  
173, 142) }
```

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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