

Converting Colors

`RYB(162, 173, 113)`

Have a look what the booklet for
RYB(162, 173, 113) contains.

RYB(162, 173, 113)	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

$\text{RYB}(162, 173, 113)$

Conversions

Conversions Part 1

Format	Color
Hex	AD9271
RGB	173, 146, 113
RGB Percent	68%, 57%, 44%
CMY	0.3216, 0.4273, 0.5569
CMYK	0.00, 0.16, 0.35, 0.32
HSL	33°, 27%, 56%
HSV	33°, 35%, 68%
XYZ	30.4973, 30.6427, 19.9300
YIQ	150.3110, 26.6850, -4.5390

Conversions

Conversions Part 2

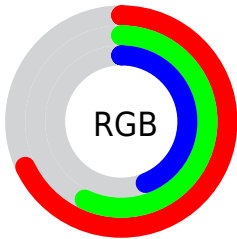
Format	Color
RYB	162, 173, 113
Decimal	11375217
CIELab	62.20, 5.21, 21.28
CIElCh	62, 21.909, 76.234
Yxy	30.6427, 0.3762, 0.3780
Android (android.graphics.Color)	4289565297 (0xFFAD9271)
YUV	150.3110, -18.3943, 19.8983
Hunter-Lab	55.3559, 1.4686, 17.4027

Details

The RYB color **162, 173, 113** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **113, 132, 173**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **218, 229, 165**, and **105, 119, 65** is the 20% darker color. If you saturate the color by 10%, you get **160, 173, 96**, and if you desaturate by 10%, it is **164, 173, 130**.

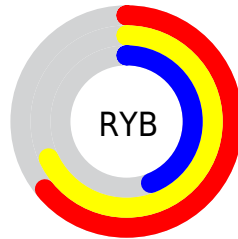
Distribution



Red (68%)

Green (57%)

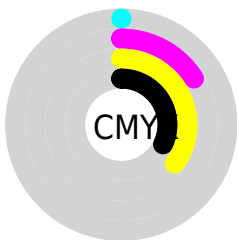
Blue (44%)



Red (64%)

Yellow (68%)

Blue (44%)

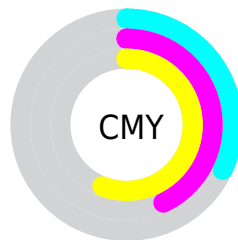


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (32%)



Cyan (32%)


Magenta (43%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 173, 113 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 162, 173, 113 by changing the saturation by 10% instead.

 162, 173, 113


255, 255, 255

 218, 229, 165

 239, 255, 192

 220, 255, 220

 249, 255, 249

 162, 173, 113

 135, 146, 88

 105, 119, 65

 80, 94, 42


 52, 69, 21

 29, 47, 0


 22, 5, 0

 0, 0, 0

 162, 173, 113

 160, 173, 96

 162, 173, 113

 164, 173, 130

■ 157, 173, 78

■ 168, 173, 148

■ 151, 173, 61

■ 173, 173, 165

■ 149, 173, 44

■ 173, 176, 182

■ 146, 173, 26

■ 173, 181, 200

■ 144, 173, 9

■ 173, 187, 217

■ 142, 173, 0

■ 173, 192, 234

■ 173, 197, 251

■ 173, 201, 255

Harmonies

Analogous

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



186, 146, 123



162, 173, 113



115, 154, 113

Triad

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



162, 173, 113



96, 129, 161



166, 142, 177

Complementary

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



162, 173, 113



113, 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.



141, 147, 187



162, 173, 113



97, 132, 178

Square

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



162, 173, 113



110, 142, 161



115, 141, 188



184, 137, 160

Rectangle

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



162, 173, 113



119, 156, 136



115, 141, 188



159, 144, 182

Sweetspot

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



162, 173, 113



220, 224, 202



173, 113, 140



110, 112, 99



240, 240, 240



112, 112, 112

Same Dimension

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



162, 173, 113



206, 224, 130



113, 173, 116



85, 87, 78



121, 150, 0



18, 23, 0

Inverse Universe

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



113, 132, 173



130, 160, 224



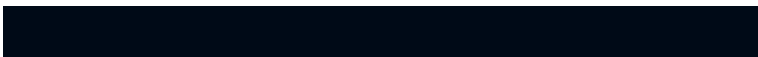
116, 113, 173



78, 81, 87



0, 47, 150



0, 7, 23

Previews

White Background



This preview shows how the RYB color 162, 173, 113 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 162, 173, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

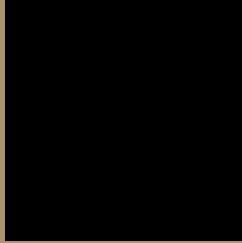
Any Text WCAG AA ✓ Pass

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](#).

R Y B 162, 173, 113 Background



This preview shows how black text looks on a background with the RYB color 162, 173, 113.



This preview shows how white text looks on a background with the RYB color 162, 173, 113.

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


162, 173, 113

Protanopia

129, 161, 115

Deuteranopia

177, 173, 113



Tritanopia
177, 141, 152

Trichromacy



Original Color

162, 173, 113

Protanomaly

137, 165, 114

Deuteranomaly

174, 176, 113

Tritanomaly

176, 144, 138

Monochromacy



Original Color

162, 173, 113

Achromatopsia

150, 150, 150

Achromatomaly

153, 158, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 173, 113 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(173, 146, 113)` looks like.

```
.text, #text, p{  
    color:rgb(173, 146, 113)  
}
```

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(173, 146, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 146, 113) }
```

Border

The CSS property to change the border of an element to RYB 162, 173, 113 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(173, 146, 113) }
```

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

```
.border{ border-color:rgb(173, 146, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 146, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 146, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 146, 113);  
box-shadow:4px 4px 4px 4px rgb(173, 146,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 162, 173, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 146, 113) }
```

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

```
.background{ background-color: rgb(173,  
146, 113) }
```

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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