

Converting Colors

`RYB(125, 173, 113)`

Have a look what the booklet for
RYB(125, 173, 113) contains.

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Color

R_YB(125, 173, 113)

Conversions

Conversions Part 1

Format	Color
Hex	ADA371
RGB	173, 163, 113
RGB Percent	68%, 64%, 44%
CMY	0.3216, 0.3608, 0.5569
CMYK	0.00, 0.06, 0.35, 0.32
HSL	50°, 27%, 56%
HSV	50°, 35%, 68%
XYZ	33.3114, 36.2709, 20.8681
YIQ	160.2900, 22.0100, -13.4300

Conversions

Conversions Part 2

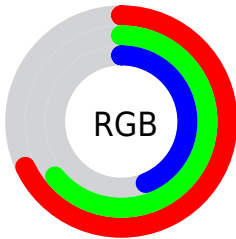
Format	Color
RYB	125, 173, 113
Decimal	11379569
CIELab	66.73, -4.06, 27.32
CIELCh	67, 27.620, 98.444
Yxy	36.2709, 0.3683, 0.4010
Android (android.graphics.Color)	4289569649 (0xFFADA371)
YUV	160.2900, -23.3140, 11.1467
Hunter-Lab	60.2253, -6.6636, 21.6137

Details

The RYB color **125, 173, 113** is a light color, and the websafe version is hex **999966**. A complement of this color would be **113, 122, 173**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **178, 229, 165**, and **75, 120, 64** is the 20% darker color. If you saturate the color by 10%, you get **112, 173, 96**, and if you desaturate by 10%, it is **138, 173, 130**.

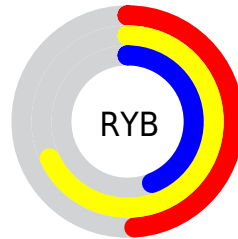
Distribution



Red (68%)

Green (64%)

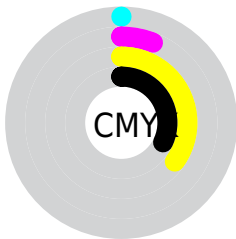
Blue (44%)



Red (49%)

Yellow (68%)

Blue (44%)

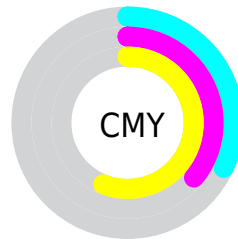


Cyan (0%)

Magenta (6%)

Yellow (35%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 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 125, 173, 113 by changing the saturation by 10% instead.

 125, 173, 113

255, 255, 255


 178, 229, 165

 204, 255, 193

 221, 255, 221

 249, 255, 249

 125, 173, 113

 112, 173, 96

 125, 173, 113

 99, 146, 88

 75, 120, 64

 49, 94, 41

 26, 70, 19

 6, 47, 0

 0, 22, 0

 0, 0, 0

 125, 173, 113

 138, 173, 130

■ 97, 173, 78

■ 153, 173, 148

■ 84, 173, 61

■ 166, 173, 165

■ 71, 173, 44

■ 173, 175, 182

■ 55, 173, 26

■ 173, 176, 200

■ 41, 173, 9

■ 173, 179, 217

■ 35, 173, 0

■ 173, 182, 234

■ 173, 184, 251

■ 173, 186, 255

Harmonies

Analogous

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



196, 190, 117



125, 173, 113



123, 170, 147

Triad

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



125, 173, 113



85, 134, 192



200, 146, 181

Complementary

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



125, 173, 113



113, 122, 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.



175, 153, 201



125, 173, 113



106, 145, 208

Square

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



125, 173, 113



92, 136, 176



141, 157, 211



212, 144, 156

Rectangle

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



125, 173, 113



126, 165, 173



141, 157, 211



193, 148, 189

Sweetspot

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



125, 173, 113



205, 224, 202



173, 113, 123



101, 112, 99



240, 240, 240



112, 112, 112

Same Dimension

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



125, 173, 113



148, 224, 130



113, 173, 132



81, 87, 78



30, 150, 0



5, 23, 0

Inverse Universe

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



113, 122, 173



130, 144, 224



133, 113, 173



78, 79, 87



0, 21, 150



0, 3, 23

Previews

White Background



This preview shows how the RYB color 125, 173, 113 looks on a white background.

Color Contrast Check

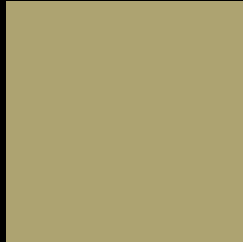
Large Text (above 18pt) WCAG AA × Fail

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 125, 173, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

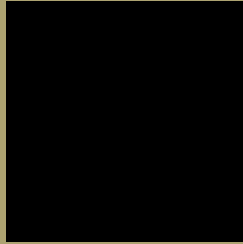
Any Text WCAG AA ✓ Pass

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](#).

RYB 125, 173, 113 Background



This preview shows how black text looks on a background with the RYB color 125, 173, 113.



This preview shows how white text looks on a background with the RYB color 125, 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
125, 173, 113

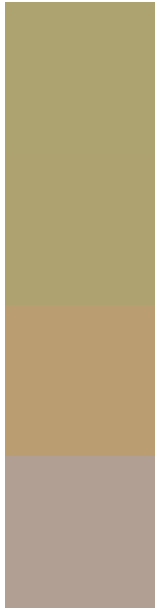
Protanopia
129, 175, 113

Deuteranopia
189, 193, 115



Tritanopia
179, 156, 168

Trichromacy



Original Color
125, 173, 113

Protanomaly
128, 174, 113

Deuteranomaly
160, 186, 114

Tritanomaly
177, 166, 148

Monochromacy



Original Color
125, 173, 113

Achromatopsia
160, 160, 160

Achromatomaly
148, 165, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 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, 163, 113)` looks like.

```
.text, #text, p{  
    color:rgb(173, 163, 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, 163, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 163, 113) }
```

Border

The CSS property to change the border of an element to RYB 125, 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, 163, 113) }
```

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

```
.border{ border-color:rgb(173, 163, 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, 163, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 163, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 163, 113);  
box-shadow:4px 4px 4px 4px rgb(173, 163,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 125, 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, 163, 113) }
```

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

```
.background{ background-color: rgb(173,  
163, 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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