

Converting Colors

`RYB(112, 176, 125)`

Have a look what the booklet for
RYB(112, 176, 125) contains.

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Color

R_YB(112, 176, 125)

Conversions

Conversions Part 1

Format	Color
Hex	A3B070
RGB	163, 176, 112
RGB Percent	64%, 69%, 44%
CMY	0.3608, 0.3098, 0.5608
CMYK	0.07, 0.00, 0.36, 0.31
HSL	72°, 29%, 56%
HSV	72°, 36%, 69%
XYZ	33.5542, 40.0071, 21.2829
YIQ	164.8170, 12.7960, -22.6600

Conversions

Conversions Part 2

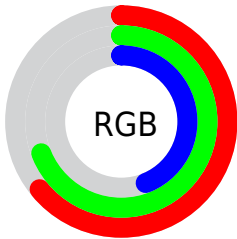
Format	Color
RYB	112, 176, 125
Decimal	10727536
CIELab	69.47, -15.05, 31.30
CIELCh	69, 34.729, 115.675
Yxy	40.0071, 0.3538, 0.4218
Android (android.graphics.Color)	4288917616 (0xFFA3B070)
YUV	164.8170, -26.0388, -1.5935
Hunter-Lab	63.2511, -15.9966, 24.3258

Details

The RYB color **112, 176, 125** is a light color, and the websafe version is hex **999966**. A complement of this color would be **125, 112, 176**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **164, 232, 177**, and **63, 124, 77** is the 20% darker color. If you saturate the color by 10%, you get **94, 176, 111**, and if you desaturate by 10%, it is **130, 176, 139**.

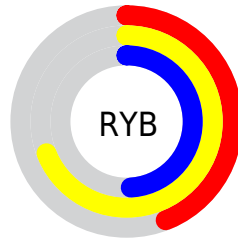
Distribution



Red (64%)

Green (69%)

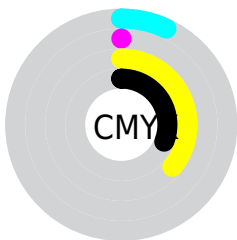
Blue (44%)



Red (44%)

Yellow (69%)

Blue (49%)

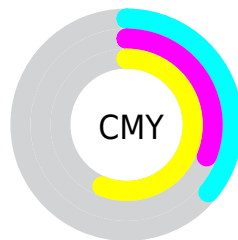


Cyan (7%)

Magenta (0%)

Yellow (36%)

Black (31%)



Cyan (36%)


Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 112, 176, 125 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 112, 176, 125 by changing the saturation by 10% instead.

 112, 176, 125


255, 255, 255


 164, 232, 177

 192, 255, 200

 220, 255, 220

 249, 255, 249

 112, 176, 125


 87, 149, 100

 63, 124, 77

 40, 99, 54


 16, 75, 30

 0, 52, 14


 0, 31, 18

 0, 0, 0

 112, 176, 125

 94, 176, 111

 112, 176, 125

 130, 176, 139

■ 77, 176, 97

■ 147, 176, 153

■ 59, 176, 83

■ 165, 176, 167

■ 42, 176, 69

■ 177, 176, 182

■ 24, 176, 55

■ 181, 176, 200

■ 6, 176, 40

■ 184, 176, 218

■ 0, 176, 36

■ 188, 176, 235

■ 192, 176, 253

■ 195, 176, 255

Harmonies

Analogous

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



150, 195, 107



112, 176, 125



126, 177, 183

Triad

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



112, 176, 125



70, 134, 221



227, 146, 176

Complementary

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



112, 176, 125



125, 112, 176

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.



205, 152, 206



112, 176, 125



118, 156, 232

Square

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



112, 176, 125



55, 123, 196



167, 163, 226



231, 147, 144

Rectangle

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



112, 176, 125



100, 153, 186



167, 163, 226



222, 147, 186

Sweetspot

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



112, 176, 125



204, 230, 210



176, 128, 112



100, 115, 103



242, 242, 242



115, 115, 115

Same Dimension

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



112, 176, 125



129, 230, 150



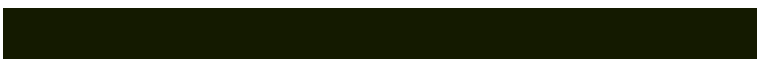
112, 176, 157



80, 89, 82



0, 153, 31



0, 26, 6

Inverse Universe

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



125, 112, 176



149, 129, 230



157, 112, 176



82, 80, 89



31, 0, 153



5, 0, 26

Previews

White Background



This preview shows how the RYB color 112, 176, 125 looks on a white background.

Color Contrast Check

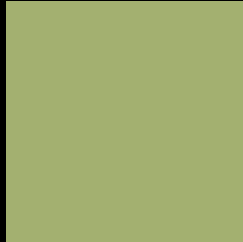
Large Text (above 18pt) WCAG AA × Fail

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 112, 176, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

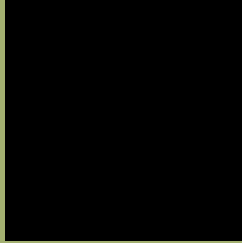
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

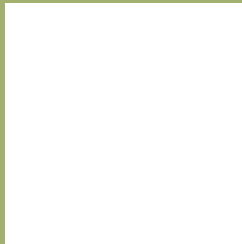
Any Text WCAG AAA ✓ Pass

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

RYB 112, 176, 125 Background



This preview shows how black text looks on a background with the RYB color 112, 176, 125.



This preview shows how white text looks on a background with the RYB color 112, 176, 125.

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
112, 176, 125

Protanopia
128, 184, 109

Deuteranopia
192, 203, 115



Tritanopia
172, 168, 181

Trichromacy



Original Color
112, 176, 125

Protanomaly
114, 176, 110

Deuteranomaly
143, 188, 114

Tritanomaly
156, 171, 158

Monochromacy



Original Color
112, 176, 125

Achromatopsia
165, 165, 165

Achromatomaly
146, 169, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 112, 176, 125 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(163, 176, 112)` looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 112)  
}
```

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(163, 176, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 112) }
```

Border

The CSS property to change the border of an element to RYB 112, 176, 125 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(163, 176, 112) }
```

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

```
.border{ border-color:rgb(163, 176, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 176, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 112);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
112) }
```

Background

The CSS property to change the background color of an element to RYB 112, 176, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 176, 112) }
```

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

```
.background{ background-color: rgb(163,  
176, 112) }
```

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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