

Converting Colors

`RYB(112, 162, 135)`

Have a look what the booklet for
RYB(112, 162, 135) contains.

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Color

R_YB(112, 162, 135)

Conversions

Conversions Part 1

Format	Color
Hex	8BA270
RGB	139, 162, 112
RGB Percent	55%, 64%, 44%
CMY	0.4549, 0.3647, 0.5608
CMYK	0.14, 0.00, 0.31, 0.36
HSL	88°, 21%, 54%
HSV	88°, 31%, 64%
XYZ	26.4924, 32.4995, 20.2060
YIQ	149.4230, 2.3420, -20.4260

Conversions

Conversions Part 2

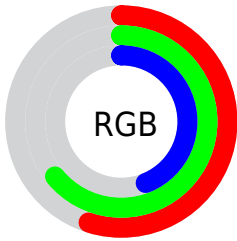
Format	Color
RYB	112, 162, 135
Decimal	9151088
CIELab	63.75, -17.15, 23.43
CIElCh	64, 29.037, 126.212
Yxy	32.4995, 0.3345, 0.4104
Android (android.graphics.Color)	4287341168 (0xFF8BA270)
YUV	149.4230, -18.4495, -9.1410
Hunter-Lab	57.0083, -16.8135, 18.8911

Details

The RYB color **112, 162, 135** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **135, 112, 162**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **164, 217, 188**, and **64, 110, 86** is the 20% darker color. If you saturate the color by 10%, you get **96, 162, 126**, and if you desaturate by 10%, it is **128, 162, 144**.

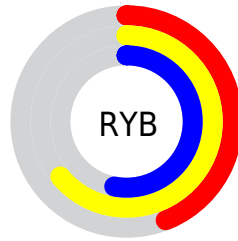
Distribution



Red (55%)

Green (64%)

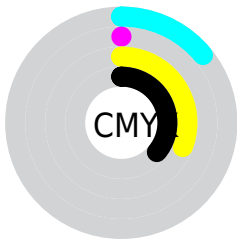
Blue (44%)



Red (44%)

Yellow (64%)

Blue (53%)

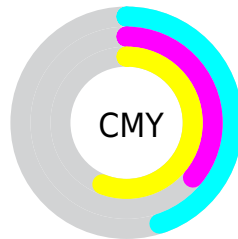


Cyan (14%)

Magenta (0%)

Yellow (31%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 112, 162, 135 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, 162, 135 by changing the saturation by 10% instead.

 112, 162, 135


255, 255, 255


 164, 217, 188


 191, 245, 215


 219, 255, 224

 248, 255, 248

 112, 162, 135

 87, 136, 110

 64, 110, 86


 41, 86, 63


 19, 63, 41


 0, 40, 19

 0, 22, 22


 0, 0, 0

 112, 162, 135


 96, 162, 126


 112, 162, 135


 128, 162, 144

 80, 162, 118


 144, 162, 152

 63, 162, 108

 161, 162, 162

 47, 162, 100


 169, 162, 177


 31, 162, 91

 176, 162, 193

 15, 162, 83

 184, 162, 209

 0, 162, 75

 191, 162, 225

 199, 162, 242

 206, 162, 255

Harmonies

Analogous

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



118, 167, 103



112, 162, 135



109, 150, 167

Triad

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



112, 162, 135



90, 134, 201



205, 135, 150

Complementary

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



112, 162, 135



135, 112, 162

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.



192, 138, 176



112, 162, 135



128, 148, 206

Square

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



112, 162, 135



69, 122, 184



165, 146, 196



204, 141, 125

Rectangle

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



112, 162, 135



89, 134, 168



165, 146, 196



202, 135, 159

Sweetspot

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



112, 162, 135



193, 212, 202



162, 155, 112



95, 107, 100



235, 235, 235



107, 107, 107

Same Dimension

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



112, 162, 135



133, 212, 169



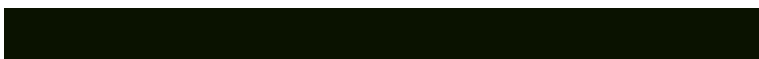
112, 162, 159



73, 82, 77



0, 145, 67



0, 18, 8

Inverse Universe

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



135, 112, 162



169, 133, 212



159, 112, 162



77, 73, 82



67, 0, 145



8, 0, 18

Previews

White Background



This preview shows how the RYB color 112, 162, 135 looks on a white background.

Color Contrast Check

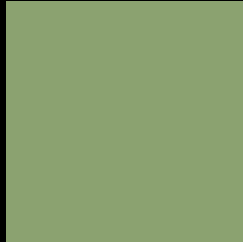
Large Text (above 18pt) WCAG AA × Fail

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, 162, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

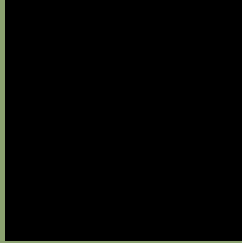
Any Text WCAG AA ✓ Pass

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 112, 162, 135 Background



This preview shows how black text looks on a background with the RYB color 112, 162, 135.

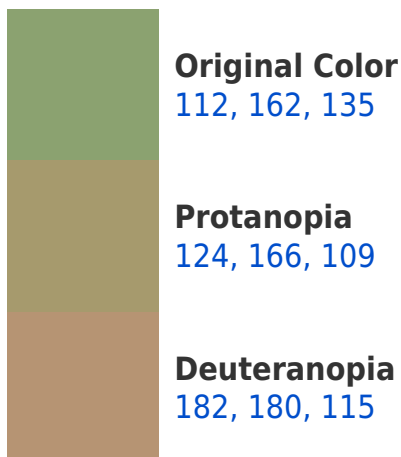


This preview shows how white text looks on a background with the RYB color 112, 162, 135.

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





Tritanopia
147, 153, 167

Trichromacy



Original Color
112, 162, 135

Protanomaly
110, 157, 111

Deuteranomaly
131, 166, 114

Tritanomaly
144, 156, 158

Monochromacy



Original Color
112, 162, 135

Achromatopsia
149, 149, 149

Achromatomaly
136, 154, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 112, 162, 135 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(139, 162, 112)` looks like.

```
.text, #text, p{  
    color:rgb(139, 162, 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(139, 162, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 162, 112) }
```

Border

The CSS property to change the border of an element to RYB 112, 162, 135 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(139, 162, 112) }
```

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

```
.border{ border-color:rgb(139, 162, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 162, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 162, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 162, 112);  
box-shadow:4px 4px 4px 4px rgb(139, 162,  
112) }
```

Background

The CSS property to change the background color of an element to RYB 112, 162, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 162, 112) }
```

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

```
.background{ background-color: rgb(139,  
162, 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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