

Converting Colors

`RYB(108, 142, 130)`

Have a look what the booklet for
RYB(108, 142, 130) contains.

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Color

R_YB(108, 142, 130)

Conversions

Conversions Part 1

Format	Color
Hex	788E6C
RGB	120, 142, 108
RGB Percent	47%, 56%, 42%
CMY	0.5294, 0.4431, 0.5765
CMYK	0.15, 0.00, 0.24, 0.44
HSL	99°, 14%, 49%
HSV	99°, 24%, 56%
XYZ	20.1255, 24.4218, 17.8405
YIQ	131.5460, -2.1980, -15.2380

Conversions

Conversions Part 2

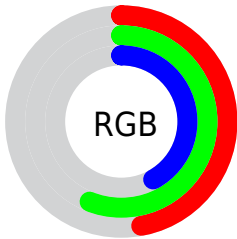
Format	Color
R_{YB}	108, 142, 130
Decimal	7900780
CIE _{Lab}	56.51, -14.52, 15.57
CIE _{LCh}	57, 21.290, 132.991
Yxy	24.4218, 0.3226, 0.3915
Android (android.graphics.Color)	4286090860 (0xFF788E6C)
YUV	131.5460, -11.6082, -10.1258
Hunter-Lab	49.4184, -13.7886, 13.1886

Details

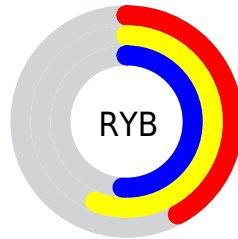
The RYB color **108, 142, 130** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **130, 108, 142**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **160, 196, 183**, and **60, 92, 81** is the 20% darker color. If you saturate the color by 10%, you get **94, 142, 125**, and if you desaturate by 10%, it is **122, 142, 135**.

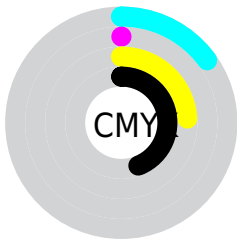
Distribution



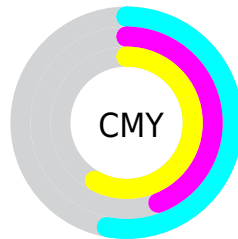
- Red (47%)
- Green (56%)
- Blue (42%)



- Red (42%)
- Yellow (56%)
- Blue (51%)



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 142, 130 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 108, 142, 130 by changing the saturation by 10% instead.

 108, 142, 130

255, 255, 255


 160, 196, 183

 187, 224, 211

 214, 252, 238


 243, 255, 243

 108, 142, 130

 94, 142, 125

 80, 142, 120

 108, 142, 130

 84, 116, 105

 60, 92, 81


 38, 68, 58

 18, 46, 38

 0, 26, 26

 0, 0, 0

 108, 142, 130

 122, 142, 135

 136, 142, 140

■ 65, 142, 115

■ 148, 142, 151

■ 51, 142, 110

■ 157, 142, 165

■ 37, 142, 105

■ 166, 142, 179

■ 23, 142, 100

■ 175, 142, 193

■ 9, 142, 95

■ 184, 142, 207

■ 0, 142, 92

■ 194, 142, 222

■ 203, 142, 236

Harmonies

Analogous

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



103, 141, 99



108, 142, 130



99, 129, 145

Triad

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



108, 142, 130



99, 125, 170



173, 122, 128

Complementary

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



108, 142, 130



130, 108, 142

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.



166, 123, 147



108, 142, 130



124, 132, 171

Square

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



108, 142, 130



83, 117, 160



148, 128, 163



170, 129, 111

Rectangle

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



108, 142, 130



88, 119, 146



148, 128, 163



172, 122, 134

Sweetspot

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



108, 142, 130



171, 184, 180



127, 142, 108



84, 92, 89



219, 219, 219



92, 92, 92

Same Dimension

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



108, 142, 130



130, 184, 165



108, 138, 142



64, 71, 68



0, 135, 87



0, 8, 5

Inverse Universe

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



130, 108, 142



165, 130, 184



142, 108, 137



69, 64, 71



87, 0, 135



5, 0, 8

Previews

White Background



This preview shows how the RYB color 108, 142, 130 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 108, 142, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

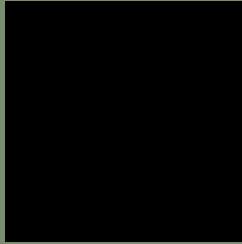
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYP 108, 142, 130 Background



This preview shows how black text looks on a background with the RYB color 108, 142, 130.



This preview shows how white text looks on a background with the RYB color 108, 142, 130.

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
126, 133, 148

Trichromacy



Original Color

108, 142, 130

Protanomaly

106, 138, 109

Deuteranomaly

124, 144, 110

Tritanomaly

124, 133, 139

Monochromacy



Original Color

108, 142, 130

Achromatopsia

132, 132, 132

Achromatomaly

123, 136, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 142, 130 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(120, 142, 108)` looks like.

```
.text, #text, p{  
    color:rgb(120, 142, 108)  
}
```

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(120, 142, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 142, 108) }
```

Border

The CSS property to change the border of an element to RYB 108, 142, 130 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(120, 142, 108) }
```

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

```
.border{ border-color:rgb(120, 142, 108) }
```

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

Here you see how a box with a 4 pixel rgb(120, 142, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 142, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 142, 108);  
box-shadow:4px 4px 4px 4px rgb(120, 142,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 108, 142, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 142, 108) }
```

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

```
.background{ background-color: rgb(120,  
142, 108) }
```

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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