

Converting Colors

`RYB(82, 124, 143)`

Have a look what the booklet for
RYB(82, 124, 143) contains.

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Color

`RYB(82, 124, 143)`

Conversions

Conversions Part 1

Format	Color
Hex	528F6E
RGB	82, 143, 110
RGB Percent	32%, 56%, 43%
CMY	0.6784, 0.4392, 0.5702
CMYK	0.43, 0.00, 0.23, 0.44
HSL	147°, 27%, 44%
HSV	147°, 43%, 56%
XYZ	16.0946, 22.5558, 18.1420
YIQ	120.9990, -25.7630, -23.1950

Conversions

Conversions Part 2

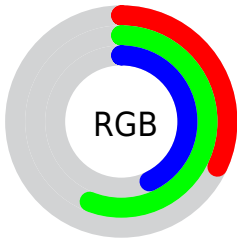
Format	Color
RYB	82, 124, 143
Decimal	5410670
CIELab	54.61, -27.74, 11.69
CIElCh	55, 30.104, 157.148
Yxy	22.5558, 0.2834, 0.3972
Android (android.graphics.Color)	4283600750 (0xFF528F6E)
YUV	120.9990, -5.4225, -34.2021
Hunter-Lab	47.4929, -22.6217, 10.5966

Details

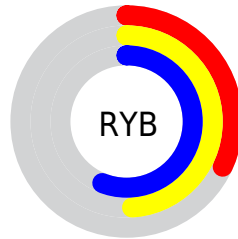
The RYB color **82, 124, 143** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **143, 82, 115**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **134, 178, 197**, and **30, 71, 92** is the 20% darker color. If you saturate the color by 10%, you get **68, 120, 143**, and if you desaturate by 10%, it is **96, 128, 143**.

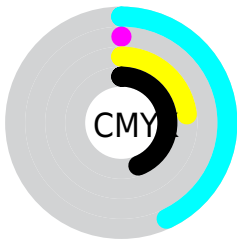
Distribution



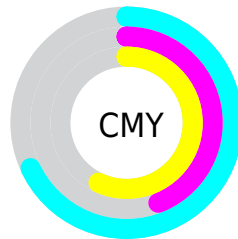
- Red (32%)
- Green (56%)
- Blue (43%)



- Red (32%)
- Yellow (49%)
- Blue (56%)



- Cyan (43%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)



- Cyan (68%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 82, 124, 143 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 82, 124, 143 by changing the saturation by 10% instead.



82, 124, 143



82, 124, 143

255, 255, 255



56, 97, 117



134, 178, 197



30, 71, 92



161, 206, 225



0, 43, 68



189, 235, 254



0, 32, 45



217, 239, 255



0, 25, 25



246, 251, 255



0, 0, 0



82, 124, 143



82, 124, 143



68, 120, 143




96, 128, 143




53, 115, 143




111, 133, 143

 39, 111, 143

 125, 137, 143

 25, 106, 143


 139, 142, 143

 11, 102, 143


 154, 143, 149

 0, 98, 143

 168, 143, 157

 182, 143, 164

 196, 143, 172

 211, 143, 180

Harmonies

Analogous

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



88, 138, 112



82, 124, 143



47, 98, 145

Triad

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



82, 124, 143



104, 124, 182



179, 117, 101

Complementary

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



82, 124, 143



143, 82, 115

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.



181, 110, 125



82, 124, 143



142, 122, 172

Square

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



82, 124, 143



59, 107, 178



169, 113, 151



165, 157, 83

Rectangle

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



82, 124, 143



28, 88, 153



169, 113, 151



181, 112, 108

Sweetspot

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



82, 124, 143



162, 178, 186



82, 143, 109



79, 89, 94



222, 222, 222



94, 94, 94

Same Dimension

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



82, 124, 143



91, 156, 186



82, 113, 143



64, 69, 71



0, 93, 135



0, 6, 8

Inverse Universe

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



143, 82, 115



186, 91, 143



143, 82, 85



71, 64, 68



135, 0, 74



8, 0, 4

Previews

White Background



This preview shows how the RYB color 82, 124, 143 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 82, 124, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

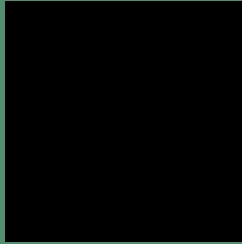
Any Text WCAG AA ✓ Pass

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](#).

RYB 82, 124, 143 Background



This preview shows how black text looks on a background with the RYB color 82, 124, 143.



This preview shows how white text looks on a background with the RYB color 82, 124, 143.

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

[82](#), [124](#), [143](#)

Protanopia

[113](#), [138](#), [103](#)

Deuteranopia

[149](#), [131](#), [113](#)



Tritanopia
91, 117, 149

Trichromacy



Original Color
82, 124, 143

Protanomaly
105, 135, 122

Deuteranomaly
112, 132, 119

Tritanomaly
88, 115, 140

Monochromacy



Original Color
82, 124, 143

Achromatopsia
121, 121, 121

Achromatomaly
107, 122, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 82, 124, 143 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(82, 143, 110)` looks like.

```
.text, #text, p{  
    color:rgb(82, 143, 110)  
}
```

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(82, 143, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 143, 110) }
```

Border

The CSS property to change the border of an element to RYB 82, 124, 143 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(82, 143, 110) }
```

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

```
.border{ border-color:rgb(82, 143, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 143, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 143, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 143, 110);  
box-shadow:4px 4px 4px 4px rgb(82, 143,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 82, 124, 143 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 143, 110) }
```

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

```
.background{ background-color: rgb(82, 143,  
110) }
```

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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