

Converting Colors

RGB(113, 151, 129)

Have a look what the booklet for
RGB(113, 151, 129) contains.

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Color

RGB(113, 151, 129)

Conversions

Conversions Part 1

Format	Color
Hex	719781
RGB	113, 151, 129
RGB Percent	44%, 59%, 51%
CMY	0.5569, 0.4078, 0.4941
CMYK	0.25, 0.00, 0.15, 0.41
HSL	145°, 15%, 52%
HSV	145°, 25%, 59%
XYZ	21.8391, 27.2289, 24.8735
YIQ	137.1300, -15.5860, -14.8980

Conversions

Conversions Part 2

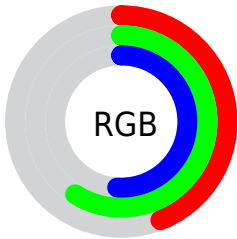
Format	Color
RYB	113, 140, 151
Decimal	7444353
CIELab	59.19, -17.83, 7.37
CIELCh	59, 19.294, 157.546
Yxy	27.2289, 0.2954, 0.3682
Android (android.graphics.Color)	4285634433 (0xFF719781)
YUV	137.1300, -4.0081, -21.1620
Hunter-Lab	52.1813, -16.6109, 8.2649

Details

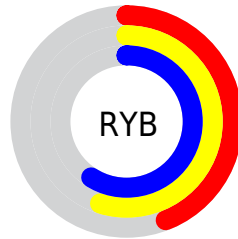
The RGB color **113, 151, 129** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **151, 113, 135**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **165, 205, 182**, and **64, 100, 80** is the 20% darker color. If you saturate the color by 10%, you get **98, 151, 120**, and if you desaturate by 10%, it is **128, 151, 138**.

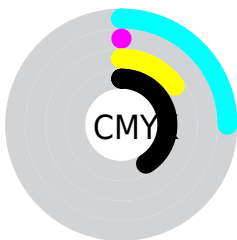
Distribution



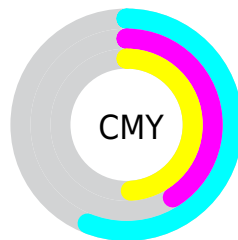
- Red (44%)
- Green (59%)
- Blue (51%)



- Red (44%)
- Yellow (55%)
- Blue (59%)



- Cyan (25%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (56%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 151, 129 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 RGB color 113, 151, 129 by changing the saturation by 10% instead.

 113, 151, 129

255, 255, 255


 165, 205, 182


 193, 234, 209


 221, 255, 238

 250, 255, 255

 113, 151, 129

 88, 125, 104

 64, 100, 80


 41, 76, 57


 18, 53, 35

 0, 32, 14

 0, 0, 0

 113, 151, 129

 98, 151, 120

 83, 151, 112

 113, 151, 129

 128, 151, 138

 143, 151, 146

■ 68, 151, 103

■ 158, 151, 155

■ 53, 151, 94

■ 173, 151, 164

■ 37, 151, 85

■ 189, 151, 173

■ 22, 151, 77

■ 204, 151, 181

■ 7, 151, 68

■ 219, 151, 190

■ 0, 151, 64

■ 234, 151, 199

■ 249, 151, 208

Harmonies

Analogous

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



132, 148, 115



113, 151, 129



99, 152, 146

Triad

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



113, 151, 129



128, 143, 176



176, 132, 123

Complementary

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



113, 151, 129



151, 113, 135

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.



177, 130, 139



113, 151, 129



151, 137, 169

Square

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



113, 151, 129



107, 148, 173



168, 132, 156



166, 137, 112

Rectangle

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



113, 151, 129



95, 152, 157



168, 132, 156



177, 131, 128

Sweetspot

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



113, 151, 129



181, 196, 187



135, 151, 113



90, 99, 94



227, 227, 227



99, 99, 99

Same Dimension

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



113, 151, 129



137, 196, 162



113, 151, 148



69, 77, 72



0, 140, 59



0, 13, 5

Inverse Universe

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



151, 113, 135



196, 137, 172



151, 113, 116



77, 69, 73



140, 0, 81



13, 0, 7

Previews

White Background



This preview shows how the RGB color 113, 151, 129 looks on a white background.

Color Contrast Check

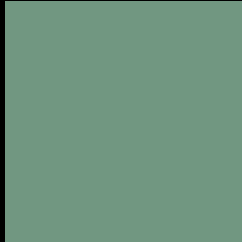
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 113, 151, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

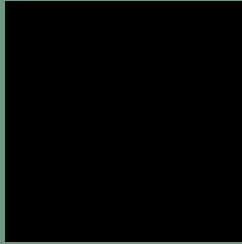
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

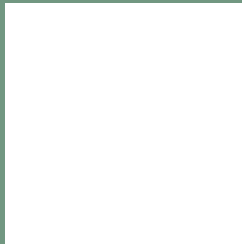
Any Text WCAG AAA × Fail

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

RGB 113, 151, 129 Background



This preview shows how black text looks on a background with the RGB color 113, 151, 129.



This preview shows how white text looks on a background with the RGB color 113, 151, 129.

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
113, 151, 129

Protanopia
149, 142, 124

Deuteranopia
159, 137, 132



Tritanopia
119, 147, 159

Trichromacy



Original Color

113, 151, 129

Protanomaly

136, 145, 126

Deuteranomaly

142, 142, 131

Tritanomaly

117, 148, 148

Monochromacy



Original Color

113, 151, 129

Achromatopsia

137, 137, 137

Achromatomaly

128, 142, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 151, 129 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(113, 151, 129)` looks like.

```
.text, #text, p{  
    color:rgb(113, 151, 129)  
}
```

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(113, 151, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 151, 129) }
```

Border

The CSS property to change the border of an element to RGB 113, 151, 129 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(113, 151, 129) }
```

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

```
.border{ border-color:rgb(113, 151, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 151, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 151, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 151, 129);  
box-shadow:4px 4px 4px 4px rgb(113, 151,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 113, 151, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 151, 129) }
```

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

```
.background{ background-color: rgb(113,  
151, 129) }
```

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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