

Converting Colors

`RYB(129, 161, 145)`

Have a look what the booklet for
RYB(129, 161, 145) contains.

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Color

R_YB(129, 161, 145)

Conversions

Conversions Part 1

Format	Color
Hex	91A181
RGB	145, 161, 129
RGB Percent	57%, 63%, 51%
CMY	0.4314, 0.3686, 0.4941
CMYK	0.10, 0.00, 0.20, 0.37
HSL	90°, 15%, 57%
HSV	90°, 20%, 63%
XYZ	28.3844, 33.0945, 25.6607
YIQ	152.5680, 0.7360, -13.3440

Conversions

Conversions Part 2

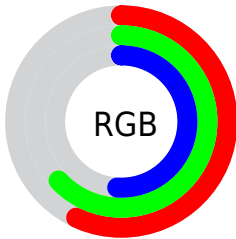
Format	Color
RYB	129, 161, 145
Decimal	9544065
CIELab	64.24, -11.64, 14.80
CIELCh	64, 18.832, 128.186
Yxy	33.0945, 0.3257, 0.3798
Android (android.graphics.Color)	4287734145 (0xFF91A181)
YUV	152.5680, -11.6190, -6.6371
Hunter-Lab	57.5278, -12.6012, 13.8227

Details

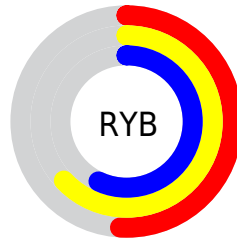
The RYB color **129, 161, 145** is a light color, and the websafe version is hex **999966**. A complement of this color would be **145, 129, 161**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **182, 216, 199**, and **80, 109, 95** is the 20% darker color. If you saturate the color by 10%, you get **113, 161, 137**, and if you desaturate by 10%, it is **145, 161, 153**.

Distribution



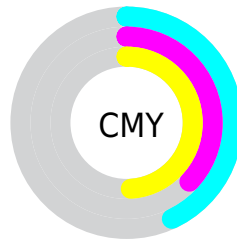
- Red (57%)
- Green (63%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (37%)



- Cyan (43%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 161, 145 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 129, 161, 145 by changing the saturation by 10% instead.

 129, 161, 145


255, 255, 255


 182, 216, 199

 210, 244, 227

 238, 255, 238

 129, 161, 145

 104, 135, 120

 80, 109, 95

 57, 85, 72

 35, 62, 49


 14, 40, 28

 0, 20, 20

 0, 0, 0

 129, 161, 145

 113, 161, 137

 129, 161, 145

 145, 161, 153

■ 97, 161, 129

■ 161, 161, 161

■ 81, 161, 121

■ 169, 161, 177

■ 65, 161, 113

■ 177, 161, 193

■ 49, 161, 105

■ 185, 161, 210

■ 32, 161, 96

■ 193, 161, 226

■ 16, 161, 88

■ 201, 161, 242

■ 0, 161, 80

■ 209, 161, 255

■ 217, 161, 255

Harmonies

Analogous

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



132, 164, 122



129, 161, 145



126, 152, 164

Triad

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



129, 161, 145



122, 146, 186



190, 144, 152

Complementary

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



129, 161, 145



145, 129, 161

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, 145, 169



129, 161, 145



142, 153, 189

Square

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



129, 161, 145



110, 140, 176



164, 150, 182



189, 148, 136

Rectangle

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



129, 161, 145



116, 144, 165



164, 150, 182



188, 144, 157

Sweetspot

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



129, 161, 145



197, 209, 203



161, 161, 129



97, 105, 101



232, 232, 232



105, 105, 105

Same Dimension

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



129, 161, 145



159, 209, 184



129, 161, 161



73, 82, 77



0, 145, 72



0, 18, 9

Inverse Universe

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



145, 129, 161



184, 159, 209



161, 129, 161



78, 73, 82



73, 0, 145



9, 0, 18

Previews

White Background



This preview shows how the RYB color 129, 161, 145 looks on a white background.

Color Contrast Check

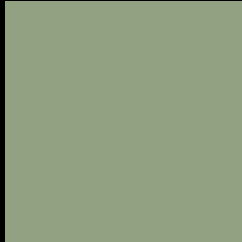
Large Text (above 18pt) WCAG AA × Fail

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 129, 161, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

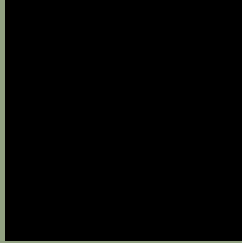
Any Text WCAG AA ✓ Pass

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 129, 161, 145 Background



This preview shows how black text looks on a background with the RYB color 129, 161, 145.



This preview shows how white text looks on a background with the RYB color 129, 161, 145.

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
129, 161, 145

Protanopia
139, 165, 126

Deuteranopia
179, 162, 131



Tritanopia
151, 155, 168

Trichromacy



Original Color

129, 161, 145

Protanomaly

128, 158, 127

Deuteranomaly

150, 167, 130

Tritanomaly

149, 155, 158

Monochromacy



Original Color

129, 161, 145

Achromatopsia

153, 153, 153

Achromatomaly

144, 156, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 161, 145 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(145, 161, 129)` looks like.

```
.text, #text, p{  
    color:rgb(145, 161, 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(145, 161, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 161, 129) }
```

Border

The CSS property to change the border of an element to RYB 129, 161, 145 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(145, 161, 129) }
```

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

```
.border{ border-color:rgb(145, 161, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 161, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 161, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 161, 129);  
box-shadow:4px 4px 4px 4px rgb(145, 161,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 129, 161, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 161, 129) }
```

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

```
.background{ background-color: rgb(145,  
161, 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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