

Converting Colors

`RYB(180, 127, 141)`

Have a look what the booklet for
RYB(180, 127, 141) contains.

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Color

R_YB(180, 127, 141)

Conversions

Conversions Part 1

Format	Color
Hex	B47F8D
RGB	180, 127, 141
RGB Percent	71%, 50%, 55%
CMY	0.2941, 0.5020, 0.4471
CMYK	0.00, 0.29, 0.22, 0.29
HSL	344°, 26%, 60%
HSV	344°, 29%, 71%
XYZ	31.2195, 26.8051, 28.7278
YIQ	144.4430, 27.0940, 15.5900

Conversions

Conversions Part 2

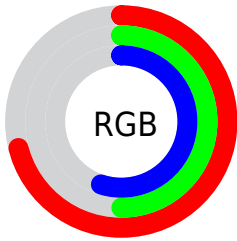
Format	Color
RYB	180, 127, 141
Decimal	11829133
CIELab	58.79, 22.60, 0.68
CIElCh	59, 22.608, 1.720
Yxy	26.8051, 0.3599, 0.3090
Android (android.graphics.Color)	4290019213 (0xFFB47F8D)
YUV	144.4430, -1.6974, 31.1835
Hunter-Lab	51.7737, 17.0314, 3.3432

Details

The RYB color **180, 127, 141** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **127, 158, 180**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **237, 180, 195**, and **126, 77, 91** is the 20% darker color. If you saturate the color by 10%, you get **180, 109, 128**, and if you desaturate by 10%, it is **180, 145, 154**.

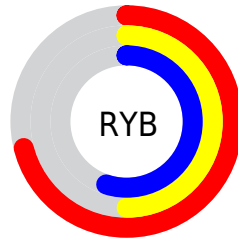
Distribution



Red (71%)

Green (50%)

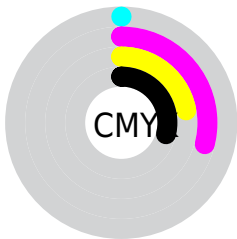
Blue (55%)



Red (71%)

Yellow (50%)

Blue (55%)

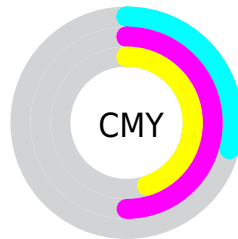


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (29%)



Cyan (29%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 127, 141 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 180, 127, 141 by changing the saturation by 10% instead.


 180, 127, 141

255, 255, 255

 237, 180, 195

 255, 208, 222

 255, 236, 251

 180, 127, 141

 153, 102, 115

 126, 77, 91


 100, 54, 68

 75, 31, 45


 51, 9, 25


 31, 0, 1


 0, 0, 0


 180, 127, 141


 180, 109, 128


 180, 127, 141

 180, 145, 154


 180, 91, 115

 180, 163, 167

 180, 73, 101

 180, 181, 181

 180, 55, 88

 180, 191, 199

 180, 37, 75

 180, 201, 217

 180, 19, 62

 180, 212, 235

 180, 1, 48

 180, 222, 253

 180, 0, 48

 180, 220, 255

 180, 218, 255

Harmonies

Analogous

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



168, 130, 161



180, 127, 141



181, 130, 122

Triad

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



180, 127, 141



107, 147, 121



93, 126, 176

Complementary

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



180, 127, 141



127, 158, 180

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.



82, 119, 162



180, 127, 141



111, 142, 151

Square

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



180, 127, 141



121, 155, 102



91, 125, 153



118, 136, 181

Rectangle

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



180, 127, 141



176, 142, 111



91, 125, 153



87, 123, 172

Sweetspot

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



180, 127, 141



235, 213, 219



166, 127, 180



117, 104, 108



245, 245, 245



117, 117, 117

Same Dimension

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



180, 127, 141



235, 152, 174



180, 143, 127



89, 80, 83



153, 0, 40



26, 0, 7

Inverse Universe

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



180, 127, 141



235, 152, 174



127, 150, 180



89, 80, 83



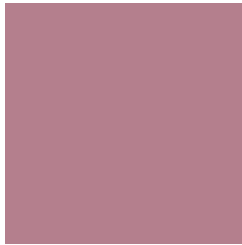
153, 0, 40



26, 0, 7

Previews

White Background



This preview shows how the RYB color 180, 127, 141 looks on a white background.

Color Contrast Check

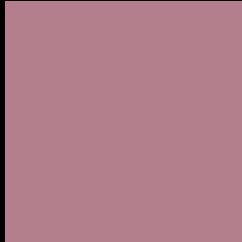
Large Text (above 18pt) WCAG AA ✓ Pass

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 180, 127, 141 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 180, 127, 141 Background



This preview shows how black text looks on a background with the RYB color 180, 127, 141.

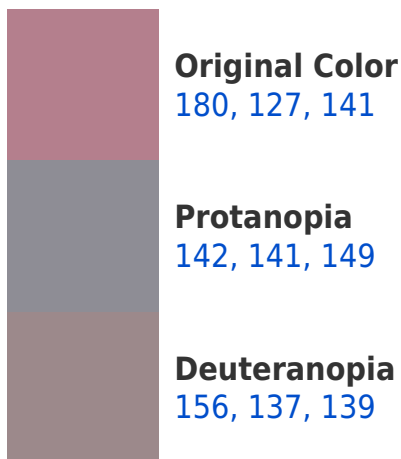


This preview shows how white text looks on a background with the RYB color 180, 127, 141.

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
180, 128, 137

Trichromacy



Original Color

180, 127, 141

Protanomaly

156, 136, 146

Deuteranomaly

165, 133, 140

Tritanomaly

180, 128, 138

Monochromacy



Original Color

180, 127, 141

Achromatopsia

144, 144, 144

Achromatomaly

157, 138, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 127, 141 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(180, 127, 141)` looks like.

```
.text, #text, p{  
    color:rgb(180, 127, 141)  
}
```

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(180, 127, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 127, 141) }
```

Border

The CSS property to change the border of an element to RYB 180, 127, 141 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(180, 127, 141) }
```

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

```
.border{ border-color:rgb(180, 127, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 127, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 127, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 127, 141);  
box-shadow:4px 4px 4px 4px rgb(180, 127,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 180, 127, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 127, 141) }
```

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

```
.background{ background-color: rgb(180,  
127, 141) }
```

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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