

Converting Colors

`RYB(181, 128, 125)`

Have a look what the booklet for
RYB(181, 128, 125) contains.

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Color

R_YB(181, 128, 125)

Conversions

Conversions Part 1

Format	Color
Hex	B5807D
RGB	181, 128, 125
RGB Percent	71%, 50%, 49%
CMY	0.2902, 0.4986, 0.5098
CMYK	0.00, 0.29, 0.31, 0.29
HSL	3°, 27%, 60%
HSV	3°, 31%, 71%
XYZ	30.4570, 26.7030, 22.9510
YIQ	143.5050, 32.5510, 10.3030

Conversions

Conversions Part 2

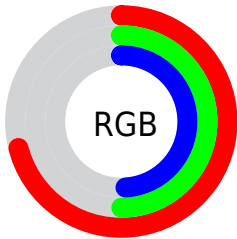
Format	Color
RYB	181, 128, 125
Decimal	11894909
CIELab	58.70, 20.18, 9.76
CIELCh	59, 22.415, 25.823
Yxy	26.7030, 0.3802, 0.3333
Android (android.graphics.Color)	4290084989 (0xFFB5807D)
YUV	143.5050, -9.1230, 32.8831
Hunter-Lab	51.6749, 14.7761, 9.8393

Details

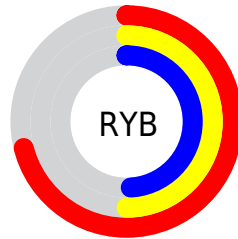
The RYB color **181, 128, 125** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **125, 152, 181**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **238, 181, 178**, and **127, 78, 76** is the 20% darker color. If you saturate the color by 10%, you get **181, 111, 107**, and if you desaturate by 10%, it is **181, 145, 143**.

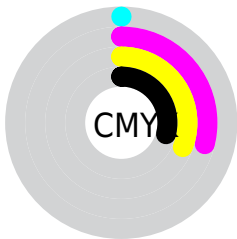
Distribution



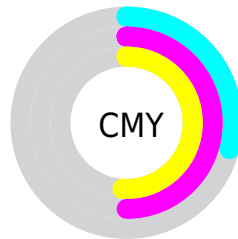
- Red (71%)
- Green (50%)
- Blue (49%)



- Red (71%)
- Yellow (50%)
- Blue (49%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 181, 128, 125 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 181, 128, 125 by changing the saturation by 10% instead.

 181, 128, 125

 181, 128, 125


255, 255, 255

 153, 103, 100

 238, 181, 178

 127, 78, 76

 255, 209, 205

 101, 55, 54

 255, 238, 233


 75, 33, 32

 51, 11, 9


 28, 0, 1

 0, 0, 0


 181, 128, 125


 181, 128, 125


 181, 111, 107


 181, 145, 143


 181, 93, 89

 181, 162, 161


 181, 76, 71


 181, 179, 179


 181, 59, 53

 181, 189, 197


 181, 42, 35


 181, 198, 216

 181, 26, 16

 181, 207, 234

 181, 9, 0

 181, 215, 252

 181, 218, 255

Harmonies

Analogous

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



178, 127, 145



181, 128, 125



174, 145, 109

Triad

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



181, 128, 125



115, 146, 150



113, 134, 180

Complementary

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



181, 128, 125



125, 152, 181

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.



90, 124, 173



181, 128, 125



94, 127, 152

Square

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



181, 128, 125



106, 145, 113



83, 119, 158



141, 137, 176

Rectangle

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



181, 128, 125



151, 164, 103



83, 119, 158



104, 131, 179

Sweetspot

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



181, 128, 125



235, 215, 213



181, 125, 178



117, 105, 104



245, 245, 245



117, 117, 117

Same Dimension

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



181, 128, 125



235, 152, 148



170, 181, 125



89, 81, 80



153, 8, 0



26, 1, 0

Inverse Universe

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



125, 152, 181



148, 190, 235



125, 142, 181



80, 85, 89



0, 74, 153



0, 12, 26

Previews

White Background



This preview shows how the RYB color 181, 128, 125 looks on a white background.

Color Contrast Check

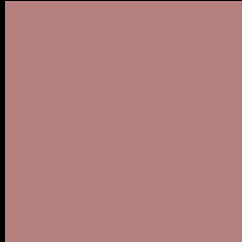
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 128, 125 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 181, 128, 125 Background



This preview shows how black text looks on a background with the RYB color 181, 128, 125.



This preview shows how white text looks on a background with the RYB color 181, 128, 125.

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
182, 126, 136

Trichromacy



Original Color

181, 128, 125

Protanomaly

159, 138, 129

Deuteranomaly

169, 135, 124

Tritanomaly

182, 127, 132

Monochromacy



Original Color

181, 128, 125

Achromatopsia

143, 143, 143

Achromatomaly

157, 137, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 128, 125 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(181, 128, 125)` looks like.

```
.text, #text, p{  
    color:rgb(181, 128, 125)  
}
```

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(181, 128, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 128, 125) }
```

Border

The CSS property to change the border of an element to RYB 181, 128, 125 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(181, 128, 125) }
```

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

```
.border{ border-color:rgb(181, 128, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 128, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 128, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 128, 125);  
box-shadow:4px 4px 4px 4px rgb(181, 128,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 181, 128, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 128, 125) }
```

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

```
.background{ background-color: rgb(181,  
128, 125) }
```

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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