

Converting Colors

`RYB(184, 10, 119)`

Have a look what the booklet for
RYB(184, 10, 119) contains.

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Color

R_YB(184, 10, 119)

Conversions

Conversions Part 1

Format	Color
Hex	B80A77
RGB	184, 10, 119
RGB Percent	72%, 4%, 47%
CMY	0.2784, 0.9608, 0.5333
CMYK	0.00, 0.95, 0.35, 0.28
HSL	322°, 90%, 38%
HSV	322°, 95%, 72%
XYZ	23.2055, 11.7393, 18.4956
YIQ	74.4520, 68.7150, 70.7870

Conversions

Conversions Part 2

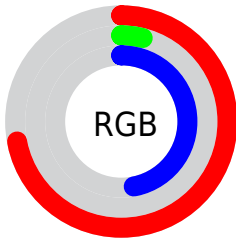
Format	Color
RYB	184, 10, 119
Decimal	12061303
CIELab	40.80, 67.68, -12.84
CIELCh	41, 68.887, 349.262
Yxy	11.7393, 0.4342, 0.2197
Android (android.graphics.Color)	4290251383 (0xFFB80A77)
YUV	74.4520, 21.9622, 96.0736
Hunter-Lab	34.2627, 60.9349, -8.0219

Details

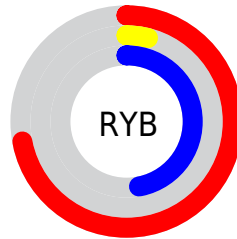
The RYB color **184, 10, 119** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10, 137, 184**, and the grayscale version is **74, 74, 74**.

A 20% lighter version of the original color is **244, 87, 171**, and **125, 0, 71** is the 20% darker color. If you saturate the color by 10%, you get **184, 0, 115**, and if you desaturate by 10%, it is **184, 28, 126**.

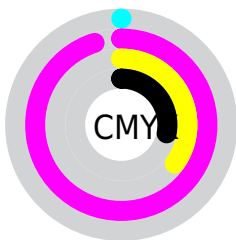
Distribution



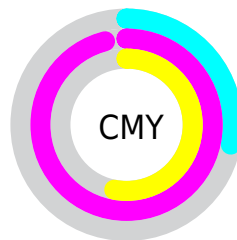
- Red (72%)
- Green (4%)
- Blue (47%)



- Red (72%)
- Yellow (4%)
- Blue (47%)



- Cyan (0%)
- Magenta (95%)
- Yellow (35%)
- Black (28%)



- Cyan (28%)
- Magenta (96%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 10, 119 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 184, 10, 119 by changing the saturation by 10% instead.

 184, 10, 119

 184, 10, 119

255, 255, 255

 154, 0, 94

 244, 87, 171

 125, 0, 71

 255, 116, 199

 97, 0, 48

 255, 145, 227

 70, 0, 28


 255, 174, 255

 41, 0, 1

 255, 203, 255

 0, 0, 0

 255, 233, 255

 184, 10, 119

 184, 10, 119

 184, 0, 115

 184, 28, 126

■ 184, 47, 133

■ 184, 65, 140

■ 184, 84, 146

■ 184, 102, 153

■ 184, 120, 160

■ 184, 139, 167

■ 184, 157, 174

■ 184, 176, 181

Harmonies

Analogous

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



141, 59, 171



184, 10, 119



191, 11, 63

Triad

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



184, 10, 119



0, 104, 20



0, 72, 182

Complementary

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



184, 10, 119



10, 137, 184

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.



0, 63, 132



184, 10, 119



0, 112, 114

Square

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



184, 10, 119



72, 134, 0



0, 73, 118



0, 72, 209

Rectangle

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



184, 10, 119



181, 48, 26



0, 73, 118



0, 69, 167

Sweetspot

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



184, 10, 119



240, 173, 215



74, 10, 184



120, 79, 105



247, 247, 247



120, 120, 120

Same Dimension

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



184, 10, 119



240, 0, 150



184, 10, 33



92, 83, 88



156, 0, 97



28, 0, 18

Inverse Universe

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



184, 10, 119



240, 0, 150



10, 103, 184



92, 83, 88



156, 0, 97



28, 0, 18

Previews

White Background



This preview shows how the RYB color 184, 10, 119 looks on a white background.

Color Contrast Check

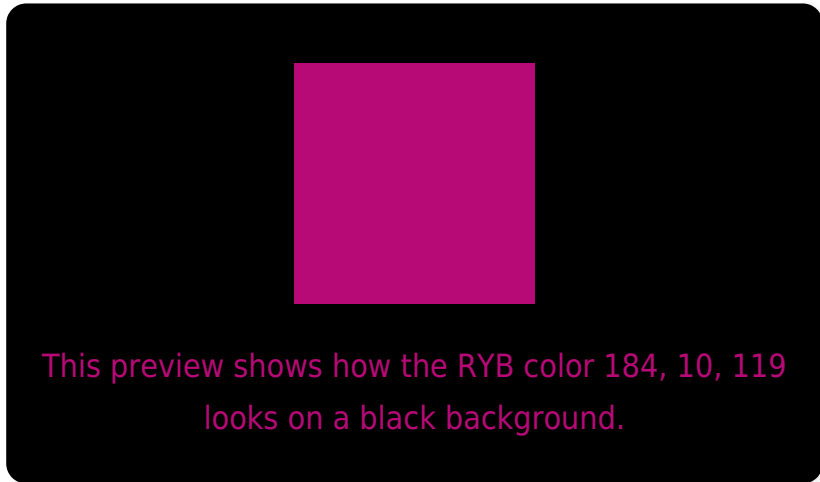
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

RYB 184, 10, 119 Background



This preview shows how black text looks on a background with the RYB color 184, 10, 119.

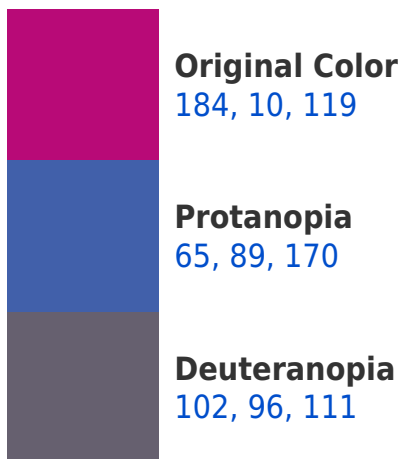


This preview shows how white text looks on a background with the RYB color 184, 10, 119.

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, 48, 49

Trichromacy



Original Color

184, 10, 119



Protanomaly

108, 65, 151



Deuteranomaly

132, 65, 114



Tritanomaly

181, 34, 74

Monochromacy



Original Color

184, 10, 119



Achromatopsia

74, 74, 74



Achromatomaly

114, 51, 90

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 10, 119 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(184, 10, 119)` looks like.

```
.text, #text, p{  
    color:rgb(184, 10, 119)  
}
```

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(184, 10, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 10, 119) }
```

Border

The CSS property to change the border of an element to RYB 184, 10, 119 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(184, 10, 119) }
```

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

```
.border{ border-color:rgb(184, 10, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 10, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 10, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 10, 119);  
box-shadow:4px 4px 4px 4px rgb(184, 10,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 184, 10, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 10, 119) }
```

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

```
.background{ background-color: rgb(184, 10,  
119) }
```

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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