

Converting Colors

`RYB(184, 99, 184)`

Have a look what the booklet for RYB(184, 99, 184) contains.

RYB(184, 99, 184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(184, 99, 184)

Conversions

Conversions Part 1

Format	Color
Hex	B863B8
RGB	184, 99, 184
RGB Percent	72%, 39%, 72%
CMY	0.2784, 0.6118, 0.2784
CMYK	0.00, 0.46, 0.00, 0.28
HSL	300°, 37%, 55%
HSV	300°, 46%, 72%
XYZ	32.8807, 22.5747, 47.9718
YIQ	134.1050, 23.3750, 44.4550

Conversions

Conversions Part 2

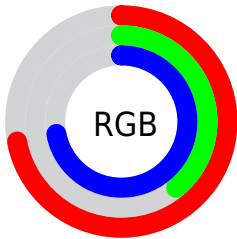
Format	Color
RYB	184, 99, 184
Decimal	12084152
CIELab	54.63, 46.55, -30.41
CIELCh	55, 55.602, 326.848
Yxy	22.5747, 0.3179, 0.2183
Android (android.graphics.Color)	4290274232 (0xFFB863B8)
YUV	134.1050, 24.5982, 43.7579
Hunter-Lab	47.5129, 40.3814, -26.6036

Details

The RYB color **184, 99, 184** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **99, 184, 184**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **242, 152, 240**, and **129, 47, 131** is the 20% darker color. If you saturate the color by 10%, you get **184, 81, 184**, and if you desaturate by 10%, it is **184, 117, 184**.

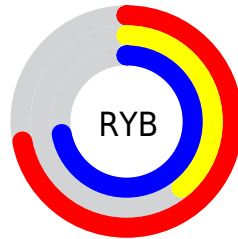
Distribution



Red (72%)

Green (39%)

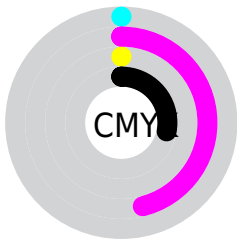
Blue (72%)



Red (72%)

Yellow (39%)

Blue (72%)

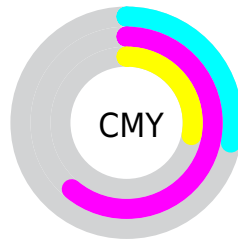


Cyan (0%)

Magenta (46%)

Yellow (0%)

Black (28%)



Cyan (28%)

Magenta (61%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 99, 184 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, 99, 184 by changing the saturation by 10% instead.

 184, 99, 184

 184, 99, 184

255, 255, 255

 156, 73, 157

 242, 152, 240

 129, 47, 131

 255, 180, 255

 102, 18, 105

 255, 208, 255

 76, 0, 81

 255, 237, 255

 52, 0, 57

 27, 0, 35

 0, 0, 10

 0, 0, 0

 184, 99, 184

 184, 99, 184


 184, 81, 184

 184, 117, 184

 184, 62, 184

 184, 136, 184


 184, 44, 184

 184, 154, 184

 184, 25, 184

 184, 173, 184

 184, 7, 184

 184, 191, 191

 184, 0, 184

 184, 209, 209

 184, 228, 228

 184, 246, 246

 184, 255, 255

Harmonies

Analogous

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



122, 120, 217



184, 99, 184



214, 85, 138

Triad

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



184, 99, 184



65, 160, 22



0, 81, 173

Complementary

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



184, 99, 184



99, 184, 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, 85, 153



184, 99, 184



36, 141, 64

Square

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



184, 99, 184



196, 148, 49



43, 124, 149



0, 87, 211

Rectangle

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



184, 99, 184



218, 86, 106



43, 124, 149



0, 78, 157

Sweetspot

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



184, 99, 184



240, 206, 240



99, 99, 184



120, 99, 120



247, 247, 247



120, 120, 120

Same Dimension

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



184, 99, 184



240, 108, 240



184, 99, 142



92, 83, 92



156, 0, 156



28, 0, 28

Inverse Universe

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



184, 99, 184



240, 108, 240



99, 155, 184



92, 83, 92



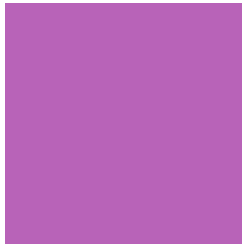
156, 0, 156



28, 0, 28

Previews

White Background



This preview shows how the RYB color 184, 99, 184 looks on a white background.

Color Contrast Check

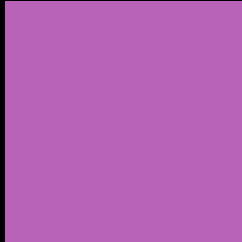
Large Text (above 18pt) WCAG AA ✓ Pass

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 184, 99, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

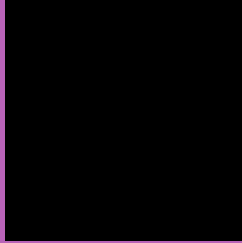
Any Text WCAG AA ✓ Pass

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 184, 99, 184 Background



This preview shows how black text looks on a background with the RYB color 184, 99, 184.

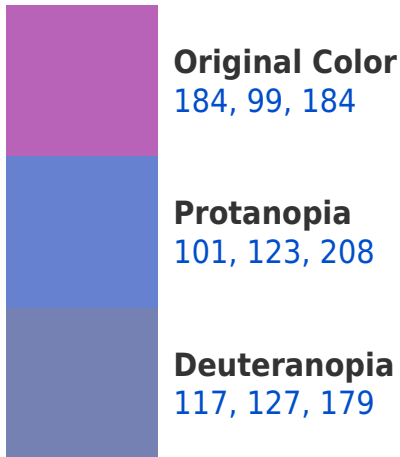



This preview shows how white text looks on a background with the RYB color 184, 99, 184.

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
176, 113, 122

Trichromacy



Original Color
184, 99, 184

Protanomaly
131, 118, 199

Deuteranomaly
141, 118, 181

Tritanomaly
179, 108, 145

Monochromacy



Original Color
184, 99, 184

Achromatopsia
134, 134, 134

Achromatomaly
152, 121, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 99, 184 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, 99, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 99, 184)  
}
```

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, 99, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 99, 184) }
```

Border

The CSS property to change the border of an element to RYB 184, 99, 184 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, 99, 184) }
```

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

```
.border{ border-color:rgb(184, 99, 184) }
```

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

Here you see how a box with a 4 pixel rgb(184, 99, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 99, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 99, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 99,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 184, 99, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 99, 184) }
```

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

```
.background{ background-color: rgb(184, 99,  
184) }
```

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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