

Converting Colors

`RYB(185, 156, 168)`

Have a look what the booklet for
RYB(185, 156, 168) contains.

RYB(185, 156, 168)	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(185, 156, 168)

Conversions

Conversions Part 1

Format	Color
Hex	B99CA8
RGB	185, 156, 168
RGB Percent	73%, 61%, 66%
CMY	0.2745, 0.3882, 0.3412
CMYK	0.00, 0.16, 0.09, 0.27
HSL	335°, 17%, 67%
HSV	335°, 16%, 73%
XYZ	38.9639, 36.9184, 42.1181
YIQ	166.0390, 13.4320, 9.8800

Conversions

Conversions Part 2

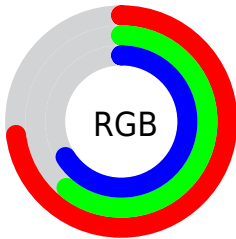
Format	Color
RYB	185, 156, 168
Decimal	12164264
CIELab	67.22, 12.74, -2.25
CIELCh	67, 12.939, 349.990
Yxy	36.9184, 0.3302, 0.3129
Android (android.graphics.Color)	4290354344 (0xFFB99CA8)
YUV	166.0390, 0.9668, 16.6288
Hunter-Lab	60.7605, 8.1360, 1.4335

Details

The RYB color **185, 156, 168** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **156, 174, 185**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **241, 211, 223**, and **132, 105, 116** is the 20% darker color. If you saturate the color by 10%, you get **185, 138, 157**, and if you desaturate by 10%, it is **185, 175, 179**.

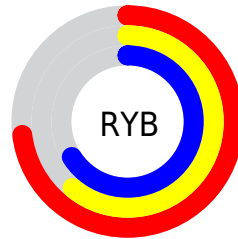
Distribution



Red (73%)

Green (61%)

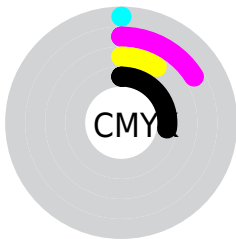
Blue (66%)



Red (73%)

Yellow (61%)

Blue (66%)

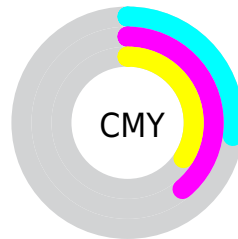


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 156, 168 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 185, 156, 168 by changing the saturation by 10% instead.


 185, 156, 168

 185, 156, 168

255, 255, 255

 158, 130, 142


 241, 211, 223

 132, 105, 116

 255, 239, 252

 106, 80, 91

 82, 57, 68

 58, 36, 46

 36, 15, 25

 2, 0, 0

 0, 0, 0

 185, 156, 168


 185, 156, 168

 185, 138, 157

 185, 175, 179

 185, 119, 146


 185, 190, 193

 185, 101, 135

 185, 202, 212

 185, 82, 125

 185, 214, 230

 185, 64, 114

 185, 226, 249

 185, 45, 103

 185, 227, 255

 185, 27, 92

 185, 223, 255

 185, 8, 81

 185, 220, 255

 185, 0, 77

Harmonies

Analogous

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



175, 158, 179



185, 156, 168



189, 156, 156

Triad

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



185, 156, 168



142, 165, 142



136, 155, 181

Complementary

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



185, 156, 168



156, 174, 185

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.



134, 152, 171



185, 156, 168



148, 168, 165

Square

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



185, 156, 168



170, 177, 141



140, 158, 170



147, 160, 186

Rectangle

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



185, 156, 168



187, 159, 149



140, 158, 170



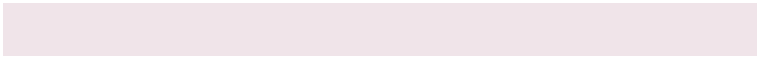
135, 154, 178

Sweetspot

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



185, 156, 168



240, 228, 233



173, 156, 185



120, 113, 116



247, 247, 247



120, 120, 120

Same Dimension

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



185, 156, 168



240, 194, 213



185, 158, 156



92, 83, 86



156, 0, 64



28, 0, 12

Inverse Universe

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



185, 156, 168



240, 194, 213



156, 170, 185



92, 83, 86



156, 0, 64



28, 0, 12

Previews

White Background



This preview shows how the RYB color 185, 156, 168 looks on a white background.

Color Contrast Check

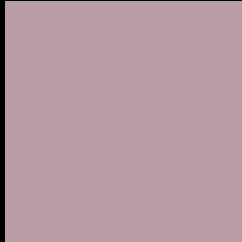
Large Text (above 18pt) WCAG AA × Fail

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 185, 156, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

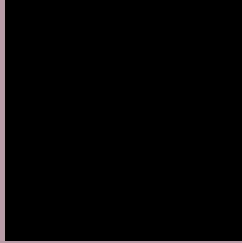
Any Text WCAG AA ✓ Pass

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 185, 156, 168 Background



This preview shows how black text looks on a background with the RYB color 185, 156, 168.



This preview shows how white text looks on a background with the RYB color 185, 156, 168.

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
[185, 156, 168](#)

Protanopia
[164, 163, 172](#)

Deuteranopia
[178, 159, 167](#)



Tritanopia
185, 156, 168

Trichromacy



Original Color

185, 156, 168

Protanomaly

172, 160, 171

Deuteranomaly

181, 158, 167

Tritanomaly

185, 156, 168

Monochromacy



Original Color

185, 156, 168

Achromatopsia

166, 166, 166

Achromatomaly

173, 162, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 156, 168 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(185, 156, 168) looks like.

```
.text, #text, p{  
    color:rgb(185, 156, 168)  
}
```

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(185, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 156, 168) }
```

Border

The CSS property to change the border of an element to RYB 185, 156, 168 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(185, 156, 168) }
```

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

```
.border{ border-color:rgb(185, 156, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 156, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 156, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 156, 168);  
box-shadow:4px 4px 4px 4px rgb(185, 156,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 185, 156, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 156, 168) }
```

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

```
.background{ background-color: rgb(185,  
156, 168) }
```

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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