

Converting Colors

`RYB(185, 75, 108)`

Have a look what the booklet for
RYB(185, 75, 108) contains.

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Color

R_YB(185, 75, 108)

Conversions

Conversions Part 1

Format	Color
Hex	B94B6C
RGB	185, 75, 108
RGB Percent	73%, 29%, 42%
CMY	0.2745, 0.7059, 0.5765
CMYK	0.00, 0.59, 0.42, 0.27
HSL	342°, 44%, 51%
HSV	342°, 59%, 73%
XYZ	25.2304, 16.4292, 16.0287
YIQ	111.6520, 54.9670, 33.5830

Conversions

Conversions Part 2

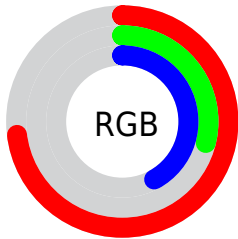
Format	Color
R_{YB}	185, 75, 108
Decimal	12143468
CIE _{Lab}	47.53, 47.49, 3.94
CIE _{LCh}	48, 47.656, 4.737
Yxy	16.4292, 0.4374, 0.2848
Android (android.graphics.Color)	4290333548 (0xFFB94B6C)
YUV	111.6520, -1.8004, 64.3262
Hunter-Lab	40.5329, 40.1780, 4.9268

Details

The RYB color **185, 75, 108** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **75, 140, 185**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **244, 128, 159**, and **128, 17, 61** is the 20% darker color. If you saturate the color by 10%, you get **185, 57, 95**, and if you desaturate by 10%, it is **185, 94, 121**.

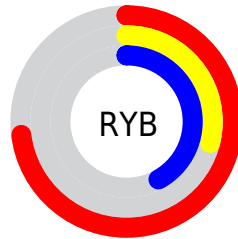
Distribution



Red (73%)

Green (29%)

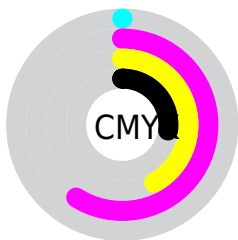
Blue (42%)



Red (73%)

Yellow (29%)

Blue (42%)

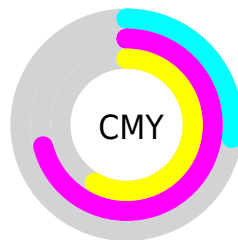


Cyan (0%)

Magenta (59%)

Yellow (42%)

Black (27%)



Cyan (27%)


Magenta (71%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 75, 108 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, 75, 108 by changing the saturation by 10% instead.

 185, 75, 108

 185, 75, 108

255, 255, 255

 156, 48, 84

 244, 128, 159

 128, 17, 61

 255, 156, 186

 100, 0, 39

 255, 184, 214


 72, 0, 19

 255, 212, 242

 48, 0, 2

 255, 241, 255

 0, 0, 0

 185, 75, 108

 185, 75, 108

 185, 57, 95

 185, 94, 121

 185, 38, 82

 185, 112, 134

 185, 20, 69

 185, 131, 147

 185, 1, 56

 185, 149, 160

 185, 0, 56

 185, 168, 173

 185, 186, 186

 185, 197, 205

 185, 207, 223

 185, 218, 242

Harmonies

Analogous

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



166, 83, 148



185, 75, 108



182, 84, 69

Triad

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



185, 75, 108



42, 123, 79



0, 75, 185

Complementary

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



185, 75, 108



75, 140, 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.



0, 71, 157



185, 75, 108



7, 85, 130

Square

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



185, 75, 108



42, 128, 24



0, 70, 132



30, 86, 193

Rectangle

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



185, 75, 108



169, 121, 47



0, 70, 132



0, 74, 178

Sweetspot

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



185, 75, 108



240, 197, 209



152, 75, 185



120, 93, 101



247, 247, 247



120, 120, 120

Same Dimension

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



185, 75, 108



240, 70, 121



185, 103, 75



92, 83, 85



156, 0, 47



28, 0, 8

Inverse Universe

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



185, 75, 108



240, 70, 121



75, 124, 185



92, 83, 85



156, 0, 47



28, 0, 8

Previews

White Background



This preview shows how the RYB color 185, 75, 108 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



This preview shows how the RYB color 185, 75, 108 looks on a 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 185, 75, 108 Background



This preview shows how black text looks on a background with the RYB color 185, 75, 108.

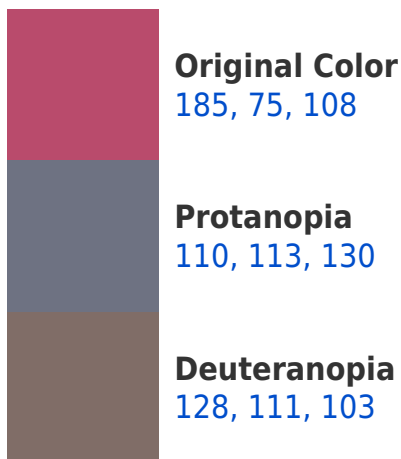


This preview shows how white text looks on a background with the RYB color 185, 75, 108.

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
183, 80, 85

Trichromacy



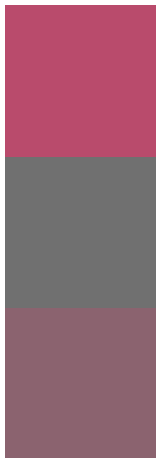
Original Color
185, 75, 108

Protanomaly
137, 99, 122

Deuteranomaly
149, 97, 105

Tritanomaly
184, 78, 93

Monochromacy



Original Color
185, 75, 108

Achromatopsia
112, 112, 112

Achromatomaly
139, 99, 111

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 75, 108 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, 75, 108)` looks like.

```
.text, #text, p{  
    color:rgb(185, 75, 108)  
}
```

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, 75, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 75, 108) }
```

Border

The CSS property to change the border of an element to RYB 185, 75, 108 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, 75, 108) }
```

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

```
.border{ border-color:rgb(185, 75, 108) }
```

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

Here you see how a box with a 4 pixel rgb(185, 75, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 75, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 75, 108);  
box-shadow:4px 4px 4px 4px rgb(185, 75,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 185, 75, 108 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 75, 108) }
```

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

```
.background{ background-color: rgb(185, 75,  
108) }
```

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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