

Converting Colors

`RYB(183, 107, 137)`

Have a look what the booklet for
RYB(183, 107, 137) contains.

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Color

R_YB(183, 107, 137)

Conversions

Conversions Part 1

Format	Color
Hex	B76B89
RGB	183, 107, 137
RGB Percent	72%, 42%, 54%
CMY	0.2824, 0.5804, 0.4627
CMYK	0.00, 0.42, 0.25, 0.28
HSL	336°, 35%, 57%
HSV	336°, 42%, 72%
XYZ	29.3015, 22.3888, 26.4440
YIQ	133.1440, 35.6660, 25.4420

Conversions

Conversions Part 2

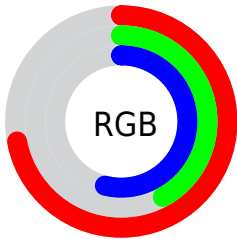
Format	Color
R_{YB}	183, 107, 137
Decimal	12020617
CIE _{Lab}	54.44, 34.16, -3.34
CIE _{LCh}	54, 34.324, 354.418
Yxy	22.3888, 0.3750, 0.2865
Android (android.graphics.Color)	4290210697 (0xFFB76B89)
YUV	133.1440, 1.9010, 43.7237
Hunter-Lab	47.3168, 27.7338, -0.0137

Details

The RYB color **183, 107, 137** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **107, 154, 183**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **240, 160, 190**, and **128, 57, 87** is the 20% darker color. If you saturate the color by 10%, you get **183, 89, 126**, and if you desaturate by 10%, it is **183, 125, 148**.

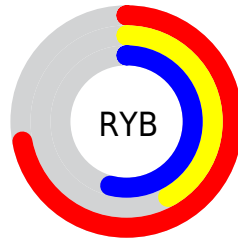
Distribution



Red (72%)

Green (42%)

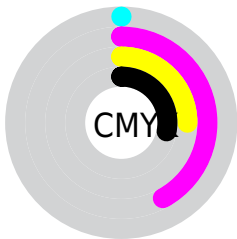
Blue (54%)



Red (72%)

Yellow (42%)

Blue (54%)

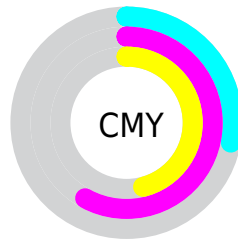


Cyan (0%)

Magenta (42%)

Yellow (25%)

Black (28%)



Cyan (28%)

Magenta (58%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the RYB color 183, 107, 137 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 183, 107, 137 by changing the saturation by 10% instead.

 183, 107, 137


255, 255, 255

 240, 160, 190

 255, 187, 218

 255, 215, 247

 255, 244, 255


 183, 107, 137

 155, 82, 112

 128, 57, 87

 102, 33, 64

 76, 5, 42


 51, 0, 22


 22, 0, 0

 0, 0, 0

 183, 107, 137

 183, 89, 126

 183, 107, 137

 183, 125, 148

183, 70, 115

183, 144, 159

183, 52, 104

183, 162, 170

183, 34, 93

183, 180, 181

183, 15, 82

183, 193, 199

183, 0, 72

183, 204, 217

183, 215, 235

183, 226, 253

183, 224, 255

Harmonies

Analogous

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



162, 114, 165



183, 107, 137



187, 108, 107

Triad

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



183, 107, 137



75, 136, 86



0, 79, 178

Complementary

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



183, 107, 137



107, 154, 183

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, 75, 154



183, 107, 137



90, 137, 142

Square

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



183, 107, 137



111, 154, 71



45, 101, 145



73, 113, 189

Rectangle

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



183, 107, 137



181, 121, 90



45, 101, 145



0, 78, 171

Sweetspot

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



183, 107, 137



237, 209, 220



153, 107, 183



120, 103, 110



247, 247, 247



120, 120, 120

Same Dimension

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



183, 107, 137



237, 119, 165



183, 116, 107



92, 83, 86



156, 0, 61



28, 0, 11

Inverse Universe

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



183, 107, 137



237, 119, 165



107, 143, 183



92, 83, 86



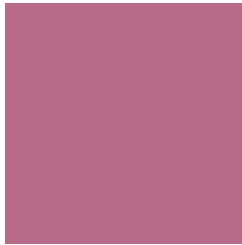
156, 0, 61



28, 0, 11

Previews

White Background



This preview shows how the RYB color 183, 107, 137 looks on a white background.

Color Contrast Check

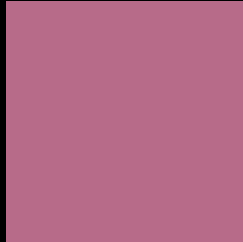
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 107, 137 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 183, 107, 137 Background



This preview shows how black text looks on a background with the RYB color 183, 107, 137.



This preview shows how white text looks on a background with the RYB color 183, 107, 137.

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
183, 107, 137

Protanopia
127, 130, 151

Deuteranopia
142, 127, 134



Tritanopia
181, 110, 119

Trichromacy



Original Color
183, 107, 137

Protanomaly
147, 122, 146

Deuteranomaly
157, 120, 135

Tritanomaly
182, 109, 126

Monochromacy



Original Color
183, 107, 137

Achromatopsia
133, 133, 133

Achromatomaly
151, 124, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 107, 137 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(183, 107, 137)` looks like.

```
.text, #text, p{  
    color:rgb(183, 107, 137)  
}
```

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(183, 107, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 107, 137) }
```

Border

The CSS property to change the border of an element to RYB 183, 107, 137 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(183, 107, 137) }
```

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

```
.border{ border-color:rgb(183, 107, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 107, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 107, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 107, 137);  
box-shadow:4px 4px 4px 4px rgb(183, 107,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 183, 107, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 107, 137) }
```

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

```
.background{ background-color: rgb(183,  
107, 137) }
```

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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