

Converting Colors

`RYB(183, 83, 105)`

Have a look what the booklet for
RYB(183, 83, 105) contains.

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Color

`RYB(183, 83, 105)`

Conversions

Conversions Part 1

Format	Color
Hex	B75369
RGB	183, 83, 105
RGB Percent	72%, 33%, 41%
CMY	0.2824, 0.6745, 0.5882
CMYK	0.00, 0.55, 0.43, 0.28
HSL	347°, 41%, 52%
HSV	347°, 55%, 72%
XYZ	25.1715, 17.2737, 15.3721
YIQ	115.4080, 52.5380, 28.0420

Conversions

Conversions Part 2

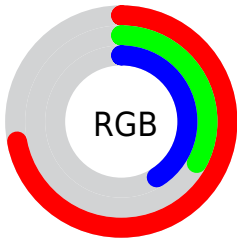
Format	Color
R_{YB}	183, 83, 105
Decimal	12014441
CIE _{Lab}	48.60, 42.63, 7.24
CIE _{LCh}	49, 43.240, 9.644
Yxy	17.2737, 0.4354, 0.2988
Android (android.graphics.Color)	4290204521 (0xFFB75369)
YUV	115.4080, -5.1311, 59.2782
Hunter-Lab	41.5617, 35.3743, 7.1640

Details

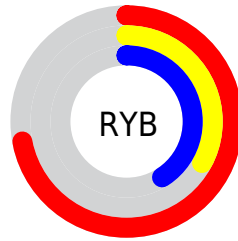
The RYB color **183, 83, 105** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **83, 139, 183**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **242, 136, 156**, and **126, 30, 58** is the 20% darker color. If you saturate the color by 10%, you get **183, 65, 91**, and if you desaturate by 10%, it is **183, 101, 119**.

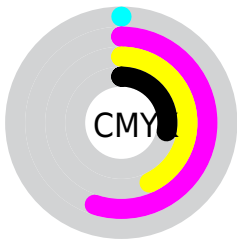
Distribution



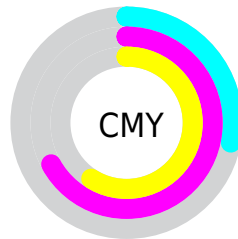
- Red (72%)
- Green (33%)
- Blue (41%)



- Red (72%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (55%)
- Yellow (43%)
- Black (28%)























- Cyan (28%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 83, 105 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, 83, 105 by changing the saturation by 10% instead.


 183, 83, 105	 183, 83, 105
 255, 255, 255	 154, 57, 81
 242, 136, 156	 126, 30, 58
 255, 163, 183	 98, 0, 37
 255, 191, 210	 71, 0, 16
 255, 219, 239	 48, 0, 2
 255, 248, 255	 0, 0, 0

 183, 83, 105	 183, 83, 105
 183, 65, 91	 183, 101, 119
 183, 46, 76	 183, 120, 134

 183, 28, 62

 183, 138, 148


 183, 10, 48

 183, 156, 162

 183, 0, 40

 183, 175, 176

 183, 189, 193

 183, 199, 211

 183, 209, 229

 183, 220, 248

Harmonies

Analogous

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



169, 87, 142



183, 83, 105



177, 96, 71

Triad

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



183, 83, 105



56, 126, 97



0, 75, 184

Complementary

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



183, 83, 105



83, 139, 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, 73, 161



183, 83, 105



17, 88, 132

Square

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



183, 83, 105



48, 125, 39



0, 69, 134



70, 103, 188

Rectangle

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



183, 83, 105



165, 135, 52



0, 69, 134



0, 75, 178

Sweetspot

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



183, 83, 105



237, 199, 208



160, 83, 183



120, 97, 102



247, 247, 247



120, 120, 120

Same Dimension

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



183, 83, 105



237, 81, 115



183, 120, 83



92, 83, 85



156, 0, 34



28, 0, 6

Inverse Universe

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



183, 83, 105



237, 81, 115



83, 125, 183



92, 83, 85



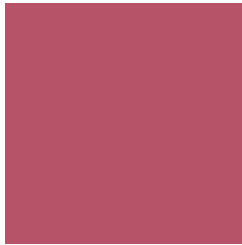
156, 0, 34



28, 0, 6

Previews

White Background



This preview shows how the RYB color 183, 83, 105 looks on a white background.

Color Contrast Check

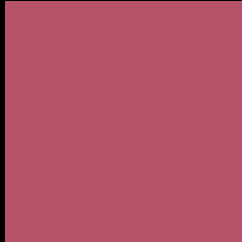
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 83, 105 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](#).

R Y B 183, 83, 105 Background



This preview shows how black text looks on a background with the RYB color 183, 83, 105.

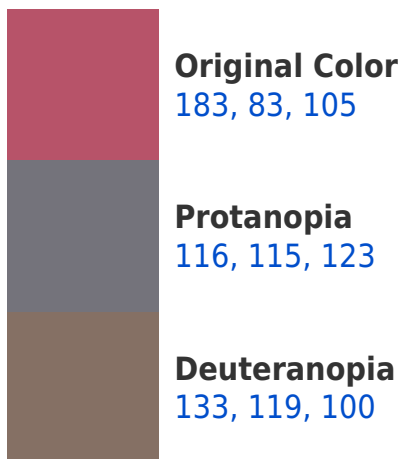


This preview shows how white text looks on a background with the RYB color 183, 83, 105.

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
182, 85, 91

Trichromacy



Original Color
183, 83, 105

Protanomaly
140, 103, 116

Deuteranomaly
151, 101, 102

Tritanomaly
182, 84, 96

Monochromacy



Original Color
183, 83, 105

Achromatopsia
115, 115, 115

Achromatomaly
140, 103, 111

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 83, 105 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, 83, 105)` looks like.

```
.text, #text, p{  
    color:rgb(183, 83, 105)  
}
```

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, 83, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 83, 105) }
```

Border

The CSS property to change the border of an element to RYB 183, 83, 105 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, 83, 105) }
```

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

```
.border{ border-color:rgb(183, 83, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 83, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 83, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 83, 105); box-shadow:4px 4px 4px 4px rgb(183, 83, 105) }
```

Background

The CSS property to change the background color of an element to RGB 183, 83, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 83, 105) }
```

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

```
.background{ background-color: rgb(183, 83,  
105) }
```

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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