

Converting Colors

`RYB(183, 72, 151)`

Have a look what the booklet for
RYB(183, 72, 151) contains.

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Color

R_YB(183, 72, 151)

Conversions

Conversions Part 1

Format	Color
Hex	B74897
RGB	183, 72, 151
RGB Percent	72%, 28%, 59%
CMY	0.2824, 0.7176, 0.4078
CMYK	0.00, 0.61, 0.17, 0.28
HSL	317°, 44%, 50%
HSV	317°, 61%, 72%
XYZ	27.4317, 16.9364, 31.1014
YIQ	114.1950, 40.7970, 48.1010

Conversions

Conversions Part 2

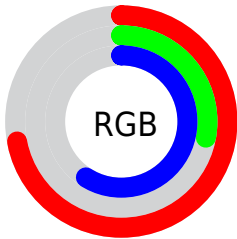
Format	Color
R_{YB}	183, 72, 151
Decimal	12011671
CIE _{Lab}	48.18, 53.79, -21.06
CIE _{LCh}	48, 57.766, 338.618
Yxy	16.9364, 0.3635, 0.2244
Android (android.graphics.Color)	4290201751 (0xFFB74897)
YUV	114.1950, 18.1449, 60.3420
Hunter-Lab	41.1538, 46.9627, -15.9999

Details

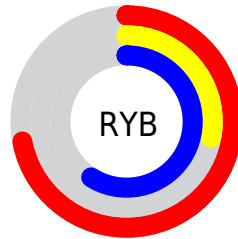
The RYB color **183, 72, 151** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **72, 158, 183**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **241, 126, 205**, and **127, 5, 100** is the 20% darker color. If you saturate the color by 10%, you get **183, 54, 146**, and if you desaturate by 10%, it is **183, 90, 156**.

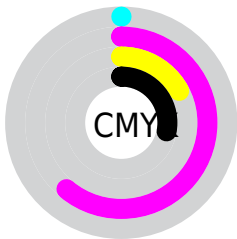
Distribution



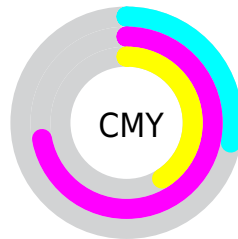
- Red (72%)
- Green (28%)
- Blue (59%)



- Red (72%)
- Yellow (28%)
- Blue (59%)



- Cyan (0%)
- Magenta (61%)
- Yellow (17%)
- Black (28%)



- Cyan (28%)
- Magenta (72%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 72, 151 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, 72, 151 by changing the saturation by 10% instead.



183, 72, 151



183, 72, 151

255, 255, 255



155, 44, 125



241, 126, 205



127, 5, 100



255, 154, 234



100, 0, 76



255, 182, 255



73, 0, 53



255, 211, 255



49, 0, 32



255, 240, 255



7, 0, 2



0, 0, 0



183, 72, 151




183, 72, 151



183, 54, 146



183, 90, 156

 183, 35, 140

 183, 109, 162

 183, 17, 135

 183, 127, 167

 183, 0, 130

 183, 145, 172

 183, 164, 177

 183, 182, 183

 183, 196, 200

 183, 210, 218

 183, 225, 237

Harmonies

Analogous

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



133, 95, 191



183, 72, 151



201, 63, 102

Triad

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



183, 72, 151



9, 125, 0



0, 76, 174

Complementary

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



183, 72, 151



72, 158, 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, 71, 137



183, 72, 151



28, 128, 85

Square

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



183, 72, 151



125, 165, 10



0, 85, 134



0, 79, 205

Rectangle

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



183, 72, 151



198, 71, 71



0, 85, 134



0, 74, 160

Sweetspot

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



183, 72, 151



237, 194, 225



103, 72, 183



120, 93, 112



247, 247, 247



120, 120, 120

Same Dimension

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



183, 72, 151



237, 64, 187



183, 72, 96



92, 83, 89



156, 0, 111



28, 0, 20

Inverse Universe

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



183, 72, 151



237, 64, 187



72, 134, 183



92, 83, 89



156, 0, 111



28, 0, 20

Previews

White Background



This preview shows how the RYB color 183, 72, 151 looks on a white background.

Color Contrast Check

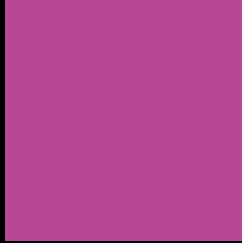
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

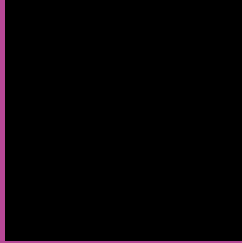
Any Text WCAG AA × Fail

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 183, 72, 151 Background



This preview shows how black text looks on a background with the RYB color 183, 72, 151.

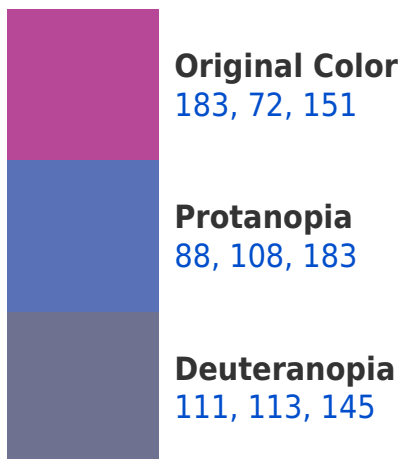


This preview shows how white text looks on a background with the RYB color 183, 72, 151.

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
177, 87, 93

Trichromacy



Original Color
183, 72, 151



Protanomaly
123, 98, 171



Deuteranomaly
137, 98, 147

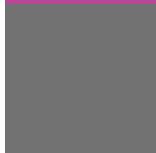


Tritanomaly
179, 82, 114

Monochromacy



Original Color
183, 72, 151



Achromatopsia
114, 114, 114



Achromatomaly
139, 99, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 72, 151 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, 72, 151)` looks like.

```
.text, #text, p{  
    color:rgb(183, 72, 151)  
}
```

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, 72, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 72, 151) }
```

Border

The CSS property to change the border of an element to RYB 183, 72, 151 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, 72, 151) }
```

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

```
.border{ border-color:rgb(183, 72, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 72, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 72, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 72, 151);  
box-shadow:4px 4px 4px 4px rgb(183, 72,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 183, 72, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 72, 151) }
```

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

```
.background{ background-color: rgb(183, 72,  
151) }
```

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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