

Converting Colors

`RYB(183, 72, 102)`

Have a look what the booklet for
RYB(183, 72, 102) contains.

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Color

`RYB(183, 72, 102)`

Conversions

Conversions Part 1

Format	Color
Hex	B74866
RGB	183, 72, 102
RGB Percent	72%, 28%, 40%
CMY	0.2824, 0.7176, 0.6000
CMYK	0.00, 0.61, 0.44, 0.28
HSL	344°, 44%, 50%
HSV	344°, 61%, 72%
XYZ	24.2441, 15.6613, 14.3155
YIQ	108.6090, 56.5260, 32.8620

Conversions

Conversions Part 2

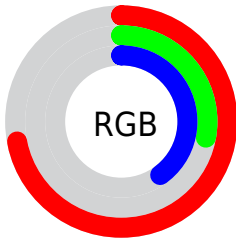
Format	Color
R_{YB}	183, 72, 102
Decimal	12011622
CIE Lab	46.53, 47.58, 6.11
CIE LCh	47, 47.975, 7.314
Yxy	15.6613, 0.4471, 0.2888
Android (android.graphics.Color)	4290201702 (0xFFB74866)
YUV	108.6090, -3.2582, 65.2409
Hunter-Lab	39.5744, 40.0976, 6.2547

Details

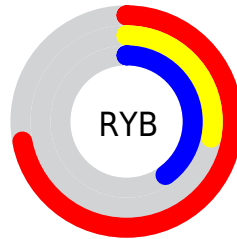
The RYB color **183, 72, 102** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **72, 136, 183**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **242, 125, 153**, and **126, 11, 55** is the 20% darker color. If you saturate the color by 10%, you get **183, 54, 89**, and if you desaturate by 10%, it is **183, 90, 115**.

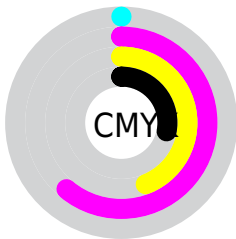
Distribution



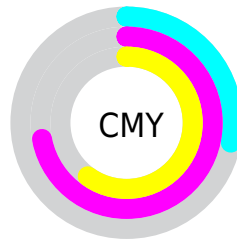
- Red (72%)
- Green (28%)
- Blue (40%)



- Red (72%)
- Yellow (28%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (44%)
- Black (28%)



- Cyan (28%)
- Magenta (72%)
- Yellow (60%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 72, 102 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, 102 by changing the saturation by 10% instead.



183, 72, 102



183, 72, 102

255, 255, 255



154, 45, 78



242, 125, 153



126, 11, 55



255, 153, 180



97, 0, 34



255, 180, 207



70, 0, 12



255, 209, 235



45, 0, 1



255, 238, 255



0, 0, 0



183, 72, 102



183, 72, 102



183, 54, 89




183, 90, 115



183, 35, 75




183, 109, 129

 183, 17, 62


 183, 127, 142

 183, 0, 49

 183, 145, 155

 183, 164, 169

 183, 182, 182

 183, 193, 200

 183, 203, 218

 183, 214, 237

Harmonies

Analogous

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



166, 79, 142



183, 72, 102



178, 84, 64

Triad

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



183, 72, 102



41, 122, 84



0, 74, 184

Complementary

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



183, 72, 102



72, 136, 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, 158



183, 72, 102



0, 79, 127

Square

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



183, 72, 102



32, 122, 20



0, 68, 130



39, 88, 190

Rectangle

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



183, 72, 102



165, 123, 42



0, 68, 130



0, 73, 177

Sweetspot

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



183, 72, 102



237, 194, 206



152, 72, 183



120, 93, 101



247, 247, 247



120, 120, 120

Same Dimension

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



183, 72, 102



237, 64, 111



183, 103, 72



92, 83, 85



156, 0, 42



28, 0, 8

Inverse Universe

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



183, 72, 102



237, 64, 111



72, 121, 183



92, 83, 85



156, 0, 42



28, 0, 8

Previews

White Background



This preview shows how the RYB color 183, 72, 102 looks on a white background.

Color Contrast Check

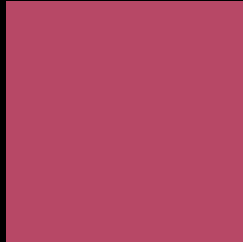
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102 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, 102 Background



This preview shows how black text looks on a background with the RYB color 183, 72, 102.

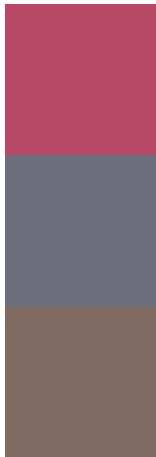


This preview shows how white text looks on a background with the RYB color 183, 72, 102.

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, 72, 102

Protanopia
109, 110, 123

Deuteranopia
127, 112, 97



Tritanopia
182, 76, 81

Trichromacy



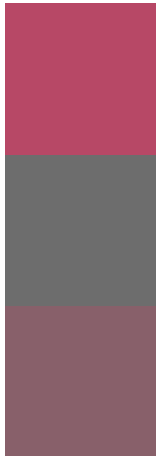
Original Color
183, 72, 102

Protanomaly
136, 96, 115

Deuteranomaly
147, 94, 99

Tritanomaly
182, 75, 89

Monochromacy



Original Color
183, 72, 102

Achromatopsia
109, 109, 109

Achromatomaly
136, 96, 106

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 72, 102 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(183, 72, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 72, 102) }
```

Border

The CSS property to change the border of an element to RYB 183, 72, 102 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, 102) }
```

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

```
.border{ border-color:rgb(183, 72, 102) }
```

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, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 72, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 72, 102);  
box-shadow:4px 4px 4px 4px rgb(183, 72,  
102) }
```

Background

The CSS property to change the background color of an element to RYB 183, 72, 102 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, 102) }
```

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

```
.background{ background-color: rgb(183, 72,  
102) }
```

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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