

Converting Colors

`RYB(182, 42, 109)`

Have a look what the booklet for
RYB(182, 42, 109) contains.

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Color

R_YB(182, 42, 109)

Conversions

Conversions Part 1

Format	Color
Hex	B62A6D
RGB	182, 42, 109
RGB Percent	71%, 16%, 43%
CMY	0.2863, 0.8353, 0.5725
CMYK	0.00, 0.77, 0.40, 0.29
HSL	331°, 63%, 44%
HSV	331°, 77%, 71%
XYZ	22.8797, 12.7051, 15.7144
YIQ	91.4980, 61.9330, 50.5170

Conversions

Conversions Part 2

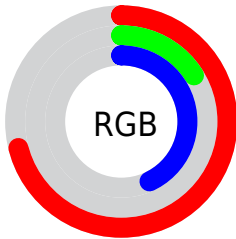
Format	Color
RYB	182, 42, 109
Decimal	11938413
CIELab	42.32, 59.67, -4.36
CIELCh	42, 59.833, 355.817
Yxy	12.7051, 0.4460, 0.2477
Android (android.graphics.Color)	4290128493 (0xFFB62A6D)
YUV	91.4980, 8.6285, 79.3703
Hunter-Lab	35.6443, 52.1998, -1.1881

Details

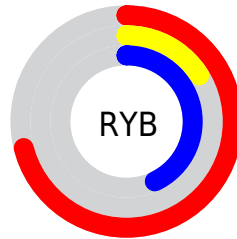
The RYB color **182, 42, 109** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **42, 134, 182**, and the grayscale version is **91, 91, 91**.

A 20% lighter version of the original color is **242, 101, 160**, and **124, 0, 62** is the 20% darker color. If you saturate the color by 10%, you get **182, 24, 100**, and if you desaturate by 10%, it is **182, 60, 118**.

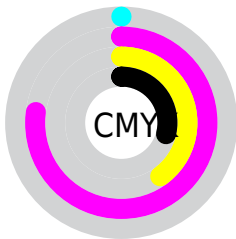
Distribution



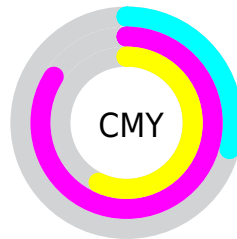
- Red (71%)
- Green (16%)
- Blue (43%)



- Red (71%)
- Yellow (16%)
- Blue (43%)



- Cyan (0%)
- Magenta (77%)
- Yellow (40%)
- Black (29%)



- Cyan (29%)
- Magenta (84%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 42, 109 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 182, 42, 109 by changing the saturation by 10% instead.

 182, 42, 109

 182, 42, 109

255, 255, 255

 153, 0, 85

 242, 101, 160

 124, 0, 62

 255, 129, 187

 95, 0, 40

 255, 157, 215

 69, 0, 20

 255, 186, 243

 40, 0, 1

 255, 215, 255

 0, 0, 0

 255, 244, 255

 182, 42, 109

 182, 42, 109

 182, 24, 100

 182, 60, 118

■ 182, 6, 90

■ 182, 78, 128

■ 182, 0, 87

■ 182, 97, 137

■ 182, 115, 147

■ 182, 133, 156

■ 182, 151, 166

■ 182, 169, 175

■ 182, 186, 188

■ 182, 198, 206

Harmonies

Analogous

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



152, 64, 156



182, 42, 109



184, 49, 60

Triad

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



182, 42, 109



0, 110, 30



0, 71, 181

Complementary

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



182, 42, 109



42, 134, 182

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, 66, 142



182, 42, 109



0, 88, 117

Square

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



182, 42, 109



43, 127, 0



0, 69, 121



0, 70, 199

Rectangle

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



182, 42, 109



172, 79, 29



0, 69, 121



0, 70, 170

Sweetspot

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



182, 42, 109



237, 183, 209



114, 42, 182



120, 86, 102



247, 247, 247



120, 120, 120

Same Dimension

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



182, 42, 109



237, 19, 123



182, 44, 42



92, 83, 87



156, 0, 74



28, 0, 13

Inverse Universe

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



182, 42, 109



237, 19, 123



42, 111, 182



92, 83, 87



156, 0, 74



28, 0, 13

Previews

White Background



This preview shows how the RYB color 182, 42, 109 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 182, 42, 109 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 182, 42, 109 Background



This preview shows how black text looks on a background with the RYB color 182, 42, 109.



This preview shows how white text looks on a background with the RYB color 182, 42, 109.

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
182, 42, 109

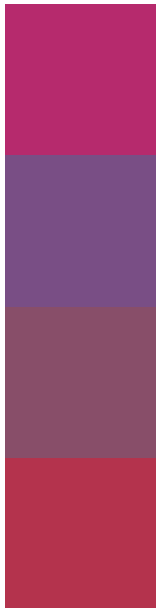
Protanopia
86, 97, 146

Deuteranopia
110, 98, 102



Tritanopia
179, 56, 59

Trichromacy



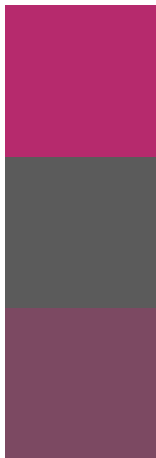
Original Color
182, 42, 109

Protanomaly
121, 78, 133

Deuteranomaly
136, 78, 105

Tritanomaly
180, 51, 77

Monochromacy



Original Color
182, 42, 109

Achromatopsia
91, 91, 91

Achromatomaly
124, 73, 98

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 42, 109 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(182, 42, 109)` looks like.

```
.text, #text, p{  
    color:rgb(182, 42, 109)  
}
```

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(182, 42, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 42, 109) }
```

Border

The CSS property to change the border of an element to RYB 182, 42, 109 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(182, 42, 109) }
```

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

```
.border{ border-color:rgb(182, 42, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 42, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 42, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 42, 109);  
box-shadow:4px 4px 4px 4px rgb(182, 42,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 182, 42, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 42, 109) }
```

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

```
.background{ background-color: rgb(182, 42,  
109) }
```

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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