

Converting Colors

`RYB(179, 42, 107)`

Have a look what the booklet for
RYB(179, 42, 107) contains.

RYB(179, 42, 107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(179, 42, 107)`

Conversions

Conversions Part 1

Format	Color
Hex	B32A6B
RGB	179, 42, 107
RGB Percent	70%, 16%, 42%
CMY	0.2980, 0.8353, 0.5804
CMYK	0.00, 0.77, 0.40, 0.30
HSL	332°, 62%, 43%
HSV	332°, 77%, 70%
XYZ	22.0722, 12.3012, 15.1209
YIQ	90.3730, 60.7870, 49.2590

Conversions

Conversions Part 2

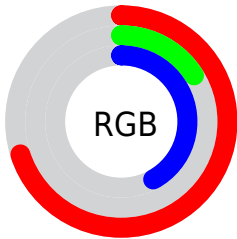
Format	Color
R_{YB}	179, 42, 107
Decimal	11741803
CIE _{Lab}	41.69, 58.66, -4.10
CIE _{LCh}	42, 58.807, 355.999
Yxy	12.3012, 0.4460, 0.2485
Android (android.graphics.Color)	4289931883 (0xFFB32A6B)
YUV	90.3730, 8.1971, 77.7259
Hunter-Lab	35.0730, 50.9561, -1.0104

Details

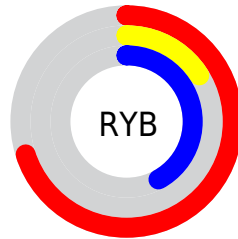
The RYB color **179, 42, 107** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **42, 132, 179**, and the grayscale version is **90, 90, 90**.

A 20% lighter version of the original color is **239, 101, 158**, and **121, 0, 60** is the 20% darker color. If you saturate the color by 10%, you get **179, 24, 98**, and if you desaturate by 10%, it is **179, 60, 116**.

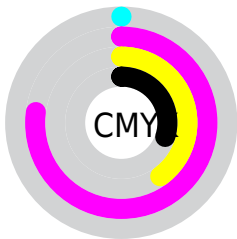
Distribution



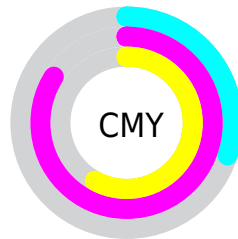
- Red (70%)
- Green (16%)
- Blue (42%)



- Red (70%)
- Yellow (16%)
- Blue (42%)



- Cyan (0%)
- Magenta (77%)
- Yellow (40%)
- Black (30%)






















- Cyan (30%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 42, 107 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 179, 42, 107 by changing the saturation by 10% instead.

 179, 42, 107	 179, 42, 107
 255, 255, 255	 150, 0, 83
 239, 101, 158	 121, 0, 60
 255, 129, 185	 93, 0, 38
 255, 157, 213	 66, 0, 18
 255, 185, 241	 37, 0, 1
 255, 214, 255	 0, 0, 0
 255, 244, 255	

 179, 42, 107	 179, 42, 107
 179, 24, 98	 179, 60, 116

■ 179, 6, 88

■ 179, 78, 126

■ 179, 0, 85

■ 179, 96, 135

■ 179, 114, 145

■ 179, 132, 154

■ 179, 149, 163

■ 179, 167, 173

■ 179, 183, 185

■ 179, 195, 203

Harmonies

Analogous

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



149, 63, 153



179, 42, 107



180, 49, 59

Triad

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



179, 42, 107



0, 108, 30



0, 70, 178

Complementary

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



179, 42, 107



42, 132, 179

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, 65, 140



179, 42, 107



0, 86, 116

Square

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



179, 42, 107



41, 125, 0



0, 68, 119



0, 69, 196

Rectangle

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



179, 42, 107



169, 77, 29



0, 68, 119



0, 69, 167

Sweetspot

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



179, 42, 107



232, 179, 204



113, 42, 179



117, 84, 100



245, 245, 245



117, 117, 117

Same Dimension

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



179, 42, 107



232, 19, 120



179, 44, 42



89, 80, 85



153, 0, 73



26, 0, 12

Inverse Universe

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



179, 42, 107



232, 19, 120



42, 110, 179



89, 80, 85



153, 0, 73



26, 0, 12

Previews

White Background



This preview shows how the RYB color 179, 42, 107 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 179, 42, 107 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](#).

RYP 179, 42, 107 Background



This preview shows how black text looks on a background with the RYP color 179, 42, 107.



This preview shows how white text looks on a background with the RYP color 179, 42, 107.

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

179, 42, 107

Protanopia

85, 96, 143

Deuteranopia

109, 96, 100



Tritanopia
176, 56, 59

Trichromacy



Original Color

179, 42, 107

Protanomaly

119, 78, 130

Deuteranomaly

134, 76, 103

Tritanomaly

177, 51, 76

Monochromacy



Original Color

179, 42, 107

Achromatopsia

90, 90, 90

Achromatomaly

122, 73, 96

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 42, 107 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(179, 42, 107)` looks like.

```
.text, #text, p{  
    color:rgb(179, 42, 107)  
}
```

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(179, 42, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 42, 107) }
```

Border

The CSS property to change the border of an element to RYB 179, 42, 107 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(179, 42, 107) }
```

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

```
.border{ border-color:rgb(179, 42, 107) }
```

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

Here you see how a box with a 4 pixel rgb(179, 42, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 42, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 42, 107);  
box-shadow:4px 4px 4px 4px rgb(179, 42,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 179, 42, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 42, 107) }
```

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

```
.background{ background-color: rgb(179, 42,  
107) }
```

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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