

Converting Colors

`RYB(179, 79, 112)`

Have a look what the booklet for
RYB(179, 79, 112) contains.

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Color

`RYB(179, 79, 112)`

Conversions

Conversions Part 1

Format	Color
Hex	B34F70
RGB	179, 79, 112
RGB Percent	70%, 31%, 44%
CMY	0.2980, 0.6902, 0.5608
CMYK	0.00, 0.56, 0.37, 0.30
HSL	340°, 40%, 51%
HSV	340°, 56%, 70%
XYZ	24.3110, 16.3455, 17.2029
YIQ	112.6620, 49.0070, 31.4630

Conversions

Conversions Part 2

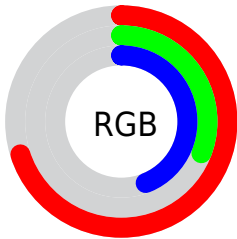
Format	Color
R _Y B	179, 79, 112
Decimal	11751280
CIE Lab	47.42, 44.01, 1.23
CIE LCh	47, 44.024, 1.603
Yxy	16.3455, 0.4202, 0.2825
Android (android.graphics.Color)	4289941360 (0xFFB34F70)
YUV	112.6620, -0.3264, 58.1784
Hunter-Lab	40.4296, 36.5834, 3.0727

Details

The RYB color **179, 79, 112** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **79, 139, 179**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **238, 132, 164**, and **123, 25, 64** is the 20% darker color. If you saturate the color by 10%, you get **179, 61, 100**, and if you desaturate by 10%, it is **179, 97, 124**.

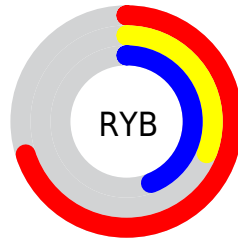
Distribution



Red (70%)

Green (31%)

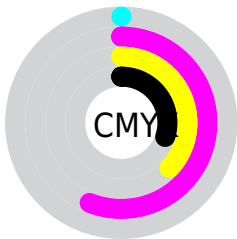
Blue (44%)



Red (70%)

Yellow (31%)

Blue (44%)

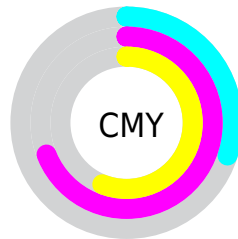


Cyan (0%)

Magenta (56%)

Yellow (37%)

Black (30%)



Cyan (30%)

Magenta (69%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 79, 112 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, 79, 112 by changing the saturation by 10% instead.



179, 79, 112



179, 79, 112

255, 255, 255



151, 53, 88



238, 132, 164



123, 25, 64



255, 159, 191



95, 0, 43



255, 187, 218



68, 0, 22



255, 215, 247



45, 0, 1



255, 244, 255



0, 0, 0



179, 79, 112



179, 79, 112



179, 61, 100



179, 97, 124



179, 43, 88



179, 115, 136

■ 179, 25, 76

■ 179, 133, 148

■ 179, 7, 64

■ 179, 151, 160

■ 179, 0, 59

■ 179, 169, 172

■ 179, 183, 186

■ 179, 194, 204

■ 179, 205, 222

■ 179, 215, 240

Harmonies

Analogous

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



159, 87, 148



179, 79, 112



178, 85, 76

Triad

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



179, 79, 112



45, 122, 74



0, 73, 177

Complementary

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



179, 79, 112



79, 139, 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, 70, 150



179, 79, 112



39, 102, 128

Square

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



179, 79, 112



58, 131, 33



0, 70, 131



32, 86, 187

Rectangle

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



179, 79, 112



168, 112, 55



0, 70, 131



0, 73, 170

Sweetspot

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



179, 79, 112



232, 193, 206



146, 79, 179



117, 94, 102



245, 245, 245



117, 117, 117

Same Dimension

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



179, 79, 112



232, 77, 128



179, 99, 79



89, 80, 83



153, 0, 50



26, 0, 8

Inverse Universe

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



179, 79, 112



232, 77, 128



79, 124, 179



89, 80, 83



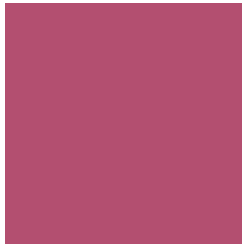
153, 0, 50



26, 0, 8

Previews

White Background



This preview shows how the RYB color 179, 79, 112 looks on a white background.

Color Contrast Check

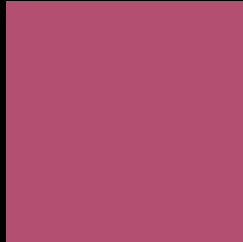
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79, 112 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 179, 79, 112 Background



This preview shows how black text looks on a background with the RYB color 179, 79, 112.



This preview shows how white text looks on a background with the RYB color 179, 79, 112.

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, 79, 112

Protanopia
109, 112, 132

Deuteranopia
126, 109, 107



Tritanopia
177, 83, 89

Trichromacy



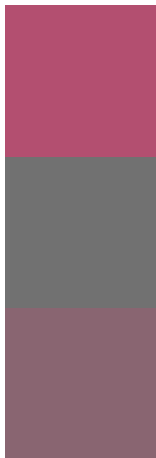
Original Color
179, 79, 112

Protanomaly
134, 100, 125

Deuteranomaly
145, 98, 109

Tritanomaly
178, 82, 97

Monochromacy



Original Color
179, 79, 112

Achromatopsia
113, 113, 113

Achromatomaly
137, 101, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 79, 112 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, 79, 112)` looks like.

```
.text, #text, p{  
    color:rgb(179, 79, 112)  
}
```

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, 79, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 79, 112) }
```

Border

The CSS property to change the border of an element to RYB 179, 79, 112 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, 79, 112) }
```

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

```
.border{ border-color:rgb(179, 79, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 79, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 79, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 79, 112); box-shadow:4px 4px 4px 4px rgb(179, 79, 112) }
```

Background

The CSS property to change the background color of an element to RGB 179, 79, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 79, 112) }
```

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

```
.background{ background-color: rgb(179, 79,  
112) }
```

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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