

Converting Colors

`RYB(173, 118, 146)`

Have a look what the booklet for
RYB(173, 118, 146) contains.

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Color

R_YB(173, 118, 146)

Conversions

Conversions Part 1

Format	Color
Hex	AD7692
RGB	173, 118, 146
RGB Percent	68%, 46%, 57%
CMY	0.3216, 0.5373, 0.4275
CMYK	0.00, 0.32, 0.16, 0.32
HSL	329°, 25%, 57%
HSV	329°, 32%, 68%
XYZ	28.9003, 23.9164, 30.2872
YIQ	137.6370, 23.7920, 20.3680

Conversions

Conversions Part 2

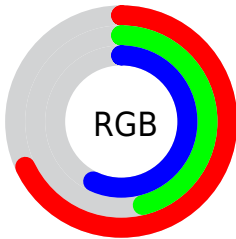
Format	Color
R_{YB}	173, 118, 146
Decimal	11368082
CIE _{Lab}	56.00, 25.86, -6.41
CIE _{LCh}	56, 26.642, 346.076
Yxy	23.9164, 0.3478, 0.2878
Android (android.graphics.Color)	4289558162 (0xFFAD7692)
YUV	137.6370, 4.1230, 31.0134
Hunter-Lab	48.9044, 19.9028, -2.4861

Details

The RYB color **173, 118, 146** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **118, 155, 173**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **229, 171, 200**, and **120, 69, 96** is the 20% darker color. If you saturate the color by 10%, you get **173, 101, 138**, and if you desaturate by 10%, it is **173, 135, 154**.

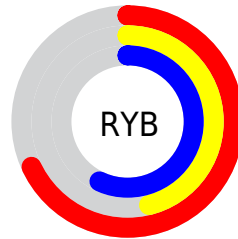
Distribution



Red (68%)

Green (46%)

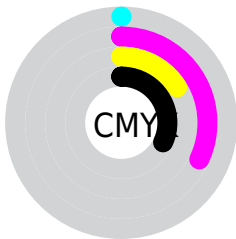
Blue (57%)



Red (68%)

Yellow (46%)

Blue (57%)

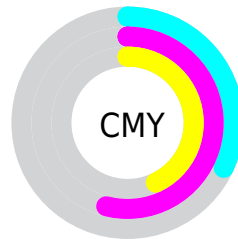


Cyan (0%)

Magenta (32%)

Yellow (16%)

Black (32%)



Cyan (32%)

Magenta (54%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 118, 146 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 173, 118, 146 by changing the saturation by 10% instead.

 173, 118, 146

255, 255, 255

 229, 171, 200


 255, 198, 228

 255, 226, 255

 173, 118, 146

 146, 93, 120

 120, 69, 96

 94, 45, 72

 69, 23, 49

 46, 0, 28

 20, 0, 0

 0, 0, 0

 173, 118, 146


 173, 101, 138

 173, 118, 146

 173, 135, 154


 173, 83, 129


 173, 153, 163

 173, 66, 121

 173, 170, 171

 173, 49, 112

 173, 182, 187

 173, 32, 104

 173, 195, 205

 173, 14, 95

 173, 206, 222

 173, 0, 88

 173, 217, 239

 173, 228, 255

 173, 224, 255

Harmonies

Analogous

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



153, 124, 166



173, 118, 146



180, 117, 122

Triad

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



173, 118, 146



90, 138, 89



60, 107, 167

Complementary

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



173, 118, 146



118, 155, 173

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.



61, 104, 147



173, 118, 146



101, 143, 132

Square

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



173, 118, 146



146, 160, 90



84, 122, 146



87, 121, 179

Rectangle

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



173, 118, 146



178, 122, 108



84, 122, 146



57, 105, 161

Sweetspot

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



173, 118, 146



224, 202, 213



145, 118, 173



112, 99, 106



240, 240, 240



112, 112, 112

Same Dimension

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



173, 118, 146



224, 139, 183



173, 118, 119



87, 78, 82



150, 0, 77



23, 0, 12

Inverse Universe

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



173, 118, 146



224, 139, 183



118, 146, 173



87, 78, 82



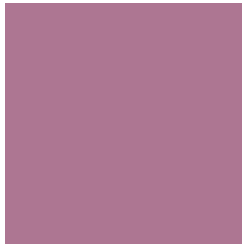
150, 0, 77



23, 0, 12

Previews

White Background



This preview shows how the RYB color 173, 118, 146 looks on a white background.

Color Contrast Check

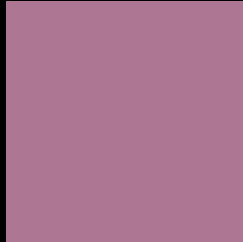
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 173, 118, 146 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 173, 118, 146 Background



This preview shows how black text looks on a background with the RYB color 173, 118, 146.



This preview shows how white text looks on a background with the RYB color 173, 118, 146.

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
[173, 118, 146](#)

Protanopia
[131, 133, 156](#)

Deuteranopia
[143, 131, 144](#)



Tritanopia
171, 121, 130

Trichromacy



Original Color
173, 118, 146

Protanomaly
146, 128, 152

Deuteranomaly
154, 126, 145

Tritanomaly
172, 120, 136

Monochromacy



Original Color
173, 118, 146

Achromatopsia
138, 138, 138

Achromatomaly
151, 131, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 118, 146 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(173, 118, 146) looks like.

```
.text, #text, p{  
    color:rgb(173, 118, 146)  
}
```

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(173, 118, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 118, 146) }
```

Border

The CSS property to change the border of an element to RYB 173, 118, 146 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(173, 118, 146) }
```

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

```
.border{ border-color:rgb(173, 118, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 118, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 118, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 118, 146);  
box-shadow:4px 4px 4px 4px rgb(173, 118,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 173, 118, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 118, 146) }
```

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

```
.background{ background-color: rgb(173,  
118, 146) }
```

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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