

Converting Colors

`RYB(173, 150, 204)`

Have a look what the booklet for
RYB(173, 150, 204) contains.

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Color

R_YB(173, 150, 204)

Conversions

Conversions Part 1

Format	Color
Hex	AD96CC
RGB	173, 150, 204
RGB Percent	68%, 59%, 80%
CMY	0.3216, 0.4118, 0.2000
CMYK	0.15, 0.26, 0.00, 0.20
HSL	266°, 35%, 69%
HSV	266°, 26%, 80%
XYZ	39.0390, 35.0566, 61.8358
YIQ	163.0330, -3.6260, 21.6700

Conversions

Conversions Part 2

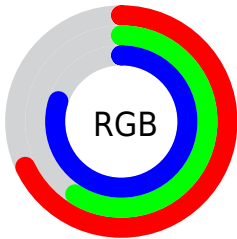
Format	Color
R _Y B	173, 150, 204
Decimal	11376332
CIE Lab	65.79, 19.11, -24.60
CIE LCh	66, 31.155, 307.846
Yxy	35.0566, 0.2872, 0.2579
Android (android.graphics.Color)	4289566412 (0xFFAD96CC)
YUV	163.0330, 20.1967, 8.7411
Hunter-Lab	59.2086, 14.0784, -20.4748

Details

The RYB color **173, 150, 204** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **150, 204, 173**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **229, 204, 255**, and **120, 99, 150** is the 20% darker color. If you saturate the color by 10%, you get **161, 130, 204**, and if you desaturate by 10%, it is **185, 170, 204**.

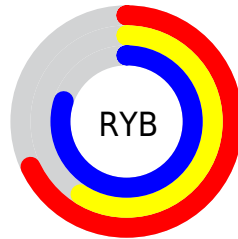
Distribution



Red (68%)

Green (59%)

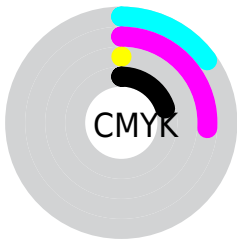
Blue (80%)



Red (68%)

Yellow (59%)

Blue (80%)

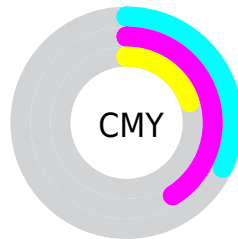


Cyan (15%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (32%)

Magenta (41%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 150, 204 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, 150, 204 by changing the saturation by 10% instead.


 173, 150, 204

255, 255, 255

 229, 204, 255

 255, 232, 255

 173, 150, 204

 146, 124, 176

 120, 99, 150

 95, 75, 124

 70, 52, 99

 47, 31, 75


 25, 9, 52

 0, 1, 30


 0, 0, 0


 173, 150, 204

 173, 150, 204

 161, 130, 204


 185, 170, 204

 150, 109, 204


 196, 191, 204

 138, 89, 204


 204, 211, 207

 126, 68, 204


 204, 232, 216

 114, 48, 204

 204, 252, 224

 103, 28, 204

 204, 255, 216

 91, 7, 204

 204, 255, 204

 87, 0, 204

Harmonies

Analogous

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



133, 153, 215



173, 150, 204



201, 142, 181

Triad

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



173, 150, 204



197, 189, 109



77, 128, 175

Complementary

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



173, 150, 204



150, 204, 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.



108, 152, 173



173, 150, 204



119, 172, 104

Square

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



173, 150, 204



212, 145, 127



115, 168, 142



64, 123, 193

Rectangle

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



173, 150, 204



212, 139, 163



115, 168, 142



86, 136, 175

Sweetspot

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



173, 150, 204



243, 235, 255



150, 170, 204



120, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



173, 150, 204



208, 173, 255



199, 150, 204



96, 92, 102



71, 0, 166



16, 0, 38

Inverse Universe

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



204, 150, 181



255, 173, 220



150, 204, 199



102, 92, 98



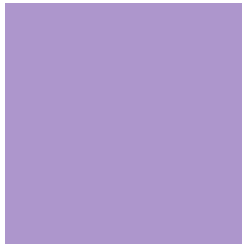
166, 0, 95



38, 0, 22

Previews

White Background



This preview shows how the RYB color 173, 150, 204 looks on a white background.

Color Contrast Check

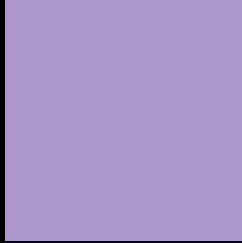
Large Text (above 18pt) WCAG AA × Fail

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, 150, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

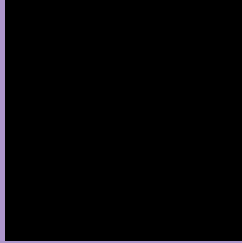
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 173, 150, 204 Background



This preview shows how black text looks on a background with the RYB color 173, 150, 204.



This preview shows how white text looks on a background with the RYB color 173, 150, 204.

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, 150, 204

Protanopia
146, 156, 210

Deuteranopia
153, 157, 203



Tritanopia
167, 157, 169

Trichromacy



Original Color
173, 150, 204

Protanomaly
156, 155, 208

Deuteranomaly
160, 154, 203

Tritanomaly
169, 154, 182

Monochromacy



Original Color
173, 150, 204

Achromatopsia
163, 163, 163

Achromatomaly
167, 158, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 150, 204 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, 150, 204)` looks like.

```
.text, #text, p{  
    color:rgb(173, 150, 204)  
}
```

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, 150, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 150, 204) }
```

Border

The CSS property to change the border of an element to RYB 173, 150, 204 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, 150, 204) }
```

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

```
.border{ border-color:rgb(173, 150, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 150, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 150, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 150, 204);  
box-shadow:4px 4px 4px 4px rgb(173, 150,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 173, 150, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 150, 204) }
```

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

```
.background{ background-color: rgb(173,  
150, 204) }
```

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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