

Converting Colors

`RYB(174, 154, 195)`

Have a look what the booklet for
RYB(174, 154, 195) contains.

RYB(174, 154, 195)	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

$\text{RYB}(174, 154, 195)$

Conversions

Conversions Part 1

Format	Color
Hex	AE9AC3
RGB	174, 154, 195
RGB Percent	68%, 60%, 76%
CMY	0.3176, 0.3961, 0.2353
CMYK	0.11, 0.21, 0.00, 0.24
HSL	269°, 25%, 68%
HSV	269°, 21%, 76%
XYZ	38.8615, 36.0500, 56.5399
YIQ	164.6540, -1.2410, 16.9910

Conversions

Conversions Part 2

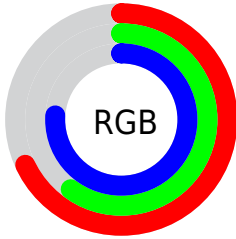
Format	Color
RYB	174, 154, 195
Decimal	11442883
CIELab	66.56, 15.25, -18.41
CIELCh	67, 23.908, 309.635
Yxy	36.0500, 0.2956, 0.2742
Android (android.graphics.Color)	4289632963 (0xFFAE9AC3)
YUV	164.6540, 14.9606, 8.1964
Hunter-Lab	60.0417, 10.4598, -13.8029

Details

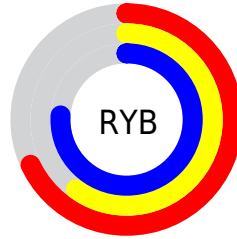
The RYB color **174, 154, 195** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **154, 195, 174**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **230, 208, 252**, and **121, 103, 141** is the 20% darker color. If you saturate the color by 10%, you get **164, 134, 195**, and if you desaturate by 10%, it is **184, 173, 195**.

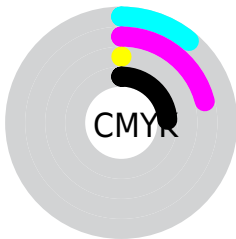
Distribution



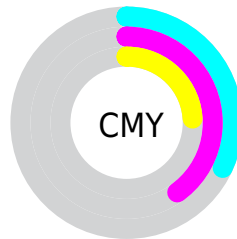
- Red (68%)
- Green (60%)
- Blue (76%)



- Red (68%)
- Yellow (60%)
- Blue (76%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)




- Cyan (32%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 154, 195 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 174, 154, 195 by changing the saturation by 10% instead.


 174, 154, 195


255, 255, 255

 230, 208, 252

 255, 237, 255

 174, 154, 195

 147, 128, 168

 121, 103, 141

 96, 79, 116


 72, 56, 91


 49, 34, 67

 27, 13, 45

 0, 1, 24

 0, 0, 0

 174, 154, 195

 174, 154, 195

■ 164, 134, 195

■ 184, 173, 195

■ 154, 115, 195

■ 194, 193, 195

■ 144, 96, 195

■ 195, 212, 203

■ 134, 76, 195

■ 195, 232, 213

■ 124, 57, 195

■ 195, 252, 223

■ 114, 37, 195

■ 195, 255, 216

■ 104, 18, 195

■ 195, 255, 206

■ 95, 0, 195

■ 195, 255, 196

■ 195, 255, 195

Harmonies

Analogous

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



145, 158, 204



174, 154, 195



195, 148, 177

Triad

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



174, 154, 195



191, 189, 122



104, 141, 174

Complementary

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



174, 154, 195



154, 195, 174

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.



122, 157, 173



174, 154, 195



128, 171, 119

Square

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



174, 154, 195



203, 153, 135



128, 169, 150



100, 140, 188

Rectangle

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



174, 154, 195



203, 146, 163



128, 169, 150



109, 145, 174

Sweetspot

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



174, 154, 195



245, 237, 252



154, 168, 195



123, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 154, 195



220, 189, 252



194, 154, 195



92, 87, 97



78, 0, 161



16, 0, 33

Inverse Universe

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



195, 154, 175



252, 189, 222



154, 195, 194



97, 87, 92



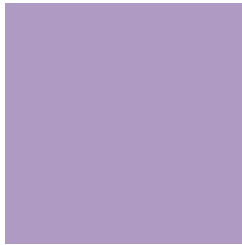
161, 0, 82



33, 0, 17

Previews

White Background



This preview shows how the RYB color 174, 154, 195 looks on a white background.

Color Contrast Check

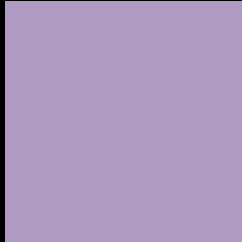
Large Text (above 18pt) WCAG AA × Fail

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 174, 154, 195 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](#).

RYP 174, 154, 195 Background



This preview shows how black text looks on a background with the RYB color 174, 154, 195.



This preview shows how white text looks on a background with the RYB color 174, 154, 195.

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
174, 154, 195

Protanopia
153, 159, 199

Deuteranopia
162, 158, 194



Tritanopia
170, 158, 171

Trichromacy



Original Color
174, 154, 195

Protanomaly
161, 158, 198

Deuteranomaly
166, 157, 194

Tritanomaly
171, 157, 180

Monochromacy



Original Color
174, 154, 195

Achromatopsia
165, 165, 165

Achromatomaly
168, 161, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 154, 195 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(174, 154, 195)` looks like.

```
.text, #text, p{  
    color:rgb(174, 154, 195)  
}
```

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(174, 154, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 154, 195) }
```

Border

The CSS property to change the border of an element to RYB 174, 154, 195 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(174, 154, 195) }
```

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

```
.border{ border-color:rgb(174, 154, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 154, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 154, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 154, 195);  
box-shadow:4px 4px 4px 4px rgb(174, 154,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 174, 154, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 154, 195) }
```

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

```
.background{ background-color: rgb(174,  
154, 195) }
```

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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