

Converting Colors

`RYB(174, 74, 107)`

Have a look what the booklet for
RYB(174, 74, 107) contains.

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Color

R_YB(174, 74, 107)

Conversions

Conversions Part 1

Format	Color
Hex	AE4A6B
RGB	174, 74, 107
RGB Percent	68%, 29%, 42%
CMY	0.3176, 0.7098, 0.5804
CMYK	0.00, 0.57, 0.39, 0.32
HSL	340°, 40%, 49%
HSV	340°, 57%, 68%
XYZ	22.5582, 14.9578, 15.6081
YIQ	107.6620, 49.0070, 31.4630

Conversions

Conversions Part 2

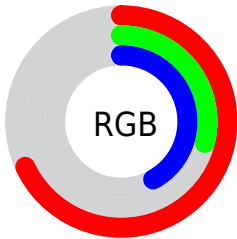
Format	Color
RYB	174, 74, 107
Decimal	11422315
CIELab	45.58, 44.15, 1.49
CIElCh	46, 44.180, 1.939
Yxy	14.9578, 0.4246, 0.2816
Android (android.graphics.Color)	4289612395 (0xFFAE4A6B)
YUV	107.6620, -0.3264, 58.1784
Hunter-Lab	38.6753, 36.4322, 3.1451

Details

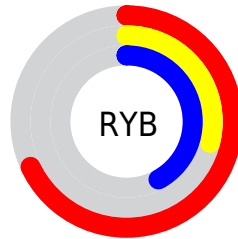
The RYB color **174, 74, 107** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **74, 134, 174**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **232, 127, 158**, and **118, 18, 60** is the 20% darker color. If you saturate the color by 10%, you get **174, 57, 95**, and if you desaturate by 10%, it is **174, 91, 119**.

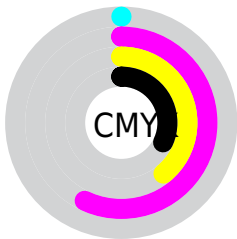
Distribution



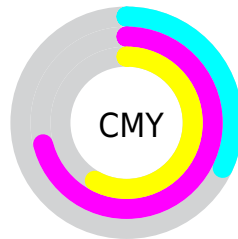
- Red (68%)
- Green (29%)
- Blue (42%)



- Red (68%)
- Yellow (29%)
- Blue (42%)



- Cyan (0%)
- Magenta (57%)
- Yellow (39%)
- Black (32%)



- Cyan (32%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 74, 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 174, 74, 107 by changing the saturation by 10% instead.



174, 74, 107



174, 74, 107

255, 255, 255



146, 48, 83



232, 127, 158



118, 18, 60



255, 154, 185



90, 0, 38



255, 181, 213



64, 0, 18



255, 210, 241



39, 0, 1



255, 238, 255



0, 0, 0



174, 74, 107



174, 74, 107



174, 57, 95



174, 91, 119




174, 39, 84




174, 109, 130


 174, 22, 72

 174, 126, 142

 174, 4, 60


 174, 144, 154

 174, 0, 57

 174, 161, 165

 174, 176, 178

 174, 187, 196

 174, 197, 213

 174, 208, 231

Harmonies

Analogous

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



155, 82, 143



174, 74, 107



173, 80, 71

Triad

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



174, 74, 107



41, 117, 70



0, 71, 173

Complementary

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



174, 74, 107



74, 134, 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.



0, 67, 146



174, 74, 107



31, 95, 123

Square

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



174, 74, 107



52, 126, 28



0, 68, 126



22, 79, 182

Rectangle

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



174, 74, 107



162, 108, 50



0, 68, 126



0, 70, 165

Sweetspot

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



174, 74, 107



227, 188, 201



141, 74, 174



115, 92, 99



242, 242, 242



115, 115, 115

Same Dimension

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



174, 74, 107



227, 70, 122



174, 94, 74



87, 78, 81



150, 0, 50



23, 0, 8

Inverse Universe

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



174, 74, 107



227, 70, 122



74, 119, 174



87, 78, 81



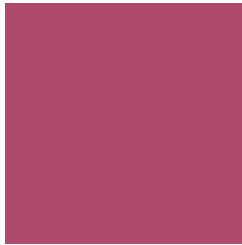
150, 0, 50



23, 0, 8

Previews

White Background



This preview shows how the RYB color 174, 74, 107 looks on a white background.

Color Contrast Check

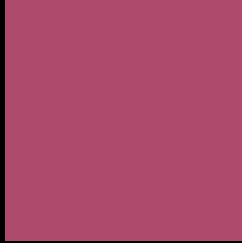
Large Text (above 18pt) WCAG AA ✓ Pass

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 174, 74, 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](#).

RYB 174, 74, 107 Background



This preview shows how black text looks on a background with the RYB color 174, 74, 107.



This preview shows how white text looks on a background with the RYB color 174, 74, 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
174, 74, 107

Protanopia
105, 108, 127

Deuteranopia
121, 106, 102



Tritanopia
172, 79, 84

Trichromacy



Original Color

174, 74, 107

Protanomaly

130, 96, 120

Deuteranomaly

140, 94, 104

Tritanomaly

173, 77, 92

Monochromacy



Original Color

174, 74, 107

Achromatopsia

108, 108, 108

Achromatomaly

132, 96, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 74, 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(174, 74, 107)` looks like.

```
.text, #text, p{  
    color:rgb(174, 74, 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(174, 74, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 74, 107) }
```

Border

The CSS property to change the border of an element to RYB 174, 74, 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(174, 74, 107) }
```

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

```
.border{ border-color:rgb(174, 74, 107) }
```

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

Here you see how a box with a 4 pixel rgb(174, 74, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 74, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 74, 107);  
box-shadow:4px 4px 4px 4px rgb(174, 74,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 174, 74, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 74, 107) }
```

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

```
.background{ background-color: rgb(174, 74,  
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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