

Converting Colors

`RYB(135, 74, 120)`

Have a look what the booklet for
RYB(135, 74, 120) contains.

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Color

R_YB(135, 74, 120)

Conversions

Conversions Part 1

Format	Color
Hex	874A78
RGB	135, 74, 120
RGB Percent	53%, 29%, 47%
CMY	0.4706, 0.7098, 0.5294
CMYK	0.00, 0.45, 0.11, 0.47
HSL	315°, 29%, 41%
HSV	315°, 45%, 53%
XYZ	15.8306, 11.4045, 19.1362
YIQ	97.4830, 21.5900, 27.2380

Conversions

Conversions Part 2

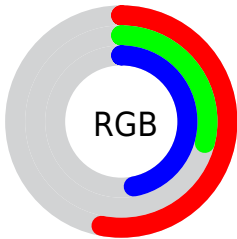
Format	Color
R_{YB}	135, 74, 120
Decimal	8866424
CIE _{Lab}	40.25, 32.63, -15.04
CIE _{LCh}	40, 35.927, 335.252
Yxy	11.4045, 0.3414, 0.2459
Android (android.graphics.Color)	4287056504 (0xFF874A78)
YUV	97.4830, 11.1009, 32.9024
Hunter-Lab	33.7706, 24.5768, -9.9575

Details

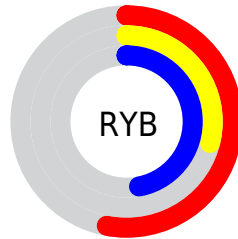
The RYB color **135, 74, 120** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **74, 123, 135**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **190, 124, 172**, and **83, 26, 71** is the 20% darker color. If you saturate the color by 10%, you get **135, 61, 117**, and if you desaturate by 10%, it is **135, 88, 123**.

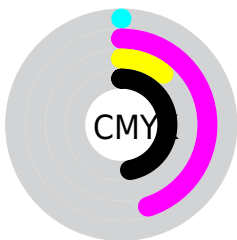
Distribution



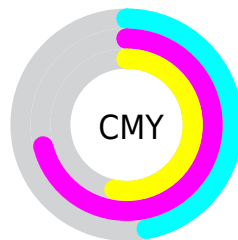
- Red (53%)
- Green (29%)
- Blue (47%)



- Red (53%)
- Yellow (29%)
- Blue (47%)



- Cyan (0%)
- Magenta (45%)
- Yellow (11%)
- Black (47%)



- Cyan (47%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 74, 120 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 135, 74, 120 by changing the saturation by 10% instead.



135, 74, 120



135, 74, 120

255, 255, 255



109, 50, 95



190, 124, 172



83, 26, 71



218, 151, 200



59, 1, 49



247, 178, 228



40, 0, 28



255, 206, 255



0, 0, 0



255, 234, 255



135, 74, 120



135, 74, 120



135, 61, 117




135, 88, 123



135, 47, 113



135, 101, 127

 135, 33, 110

 135, 115, 130

 135, 20, 107

 135, 128, 133

 135, 6, 103

 135, 140, 142

 135, 0, 102

 135, 151, 155

 135, 163, 169

 135, 172, 182

 135, 184, 196

Harmonies

Analogous

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



104, 85, 143



135, 74, 120



149, 69, 91

Triad

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



135, 74, 120



47, 107, 33



0, 59, 128

Complementary

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



135, 74, 120



74, 123, 135

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, 58, 110



135, 74, 120



45, 103, 72

Square

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



135, 74, 120



131, 123, 41



33, 84, 108



0, 61, 148

Rectangle

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



135, 74, 120



149, 71, 71



33, 84, 108



0, 57, 119

Sweetspot

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



135, 74, 120



176, 151, 170



88, 74, 135



89, 74, 86



217, 217, 217



89, 89, 89

Same Dimension

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



135, 74, 120



176, 81, 153



135, 74, 90



66, 60, 65



130, 0, 98



3, 0, 2

Inverse Universe

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



135, 74, 120



176, 81, 153



74, 109, 135



66, 60, 65



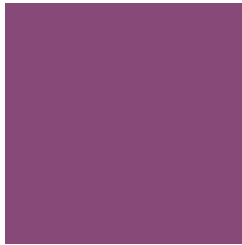
130, 0, 98



3, 0, 2

Previews

White Background



This preview shows how the RYB color 135, 74, 120 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 135, 74, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

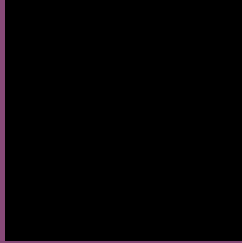
Any Text WCAG AA × Fail

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](#).

RYP 135, 74, 120 Background



This preview shows how black text looks on a background with the RYP color 135, 74, 120.

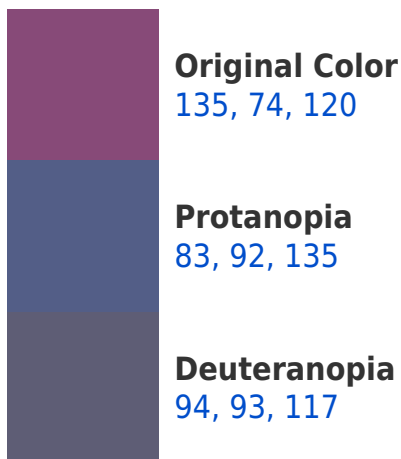


This preview shows how white text looks on a background with the RYP color 135, 74, 120.

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





Tritanopia
131, 81, 87

Trichromacy



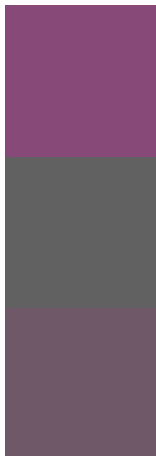
Original Color
135, 74, 120

Protanomaly
102, 87, 130

Deuteranomaly
109, 86, 118

Tritanomaly
132, 78, 99

Monochromacy



Original Color
135, 74, 120

Achromatopsia
97, 97, 97

Achromatomaly
111, 89, 105

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 74, 120 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(135, 74, 120) looks like.

```
.text, #text, p{  
    color:rgb(135, 74, 120)  
}
```

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(135, 74, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 74, 120) }
```

Border

The CSS property to change the border of an element to RYB 135, 74, 120 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(135, 74, 120) }
```

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

```
.border{ border-color:rgb(135, 74, 120) }
```

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

Here you see how a box with a 4 pixel rgb(135, 74, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 74, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 74, 120);  
box-shadow:4px 4px 4px 4px rgb(135, 74,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 135, 74, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 74, 120) }
```

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

```
.background{ background-color: rgb(135, 74,  
120) }
```

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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