

Converting Colors

`RYB(194, 134, 159)`

Have a look what the booklet for
RYB(194, 134, 159) contains.

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Color

R_YB(194, 134, 159)

Conversions

Conversions Part 1

Format	Color
Hex	C2869F
RGB	194, 134, 159
RGB Percent	76%, 53%, 62%
CMY	0.2392, 0.4745, 0.3765
CMYK	0.00, 0.31, 0.18, 0.24
HSL	335°, 33%, 64%
HSV	335°, 31%, 76%
XYZ	37.0312, 31.0227, 36.8371
YIQ	154.7900, 27.7350, 20.4950

Conversions

Conversions Part 2

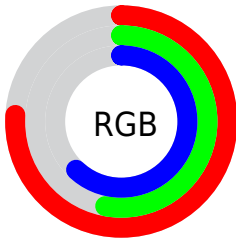
Format	Color
RYB	194, 134, 159
Decimal	12748447
CIELab	62.53, 26.71, -3.97
CIELCh	63, 27.001, 351.547
Yxy	31.0227, 0.3530, 0.2958
Android (android.graphics.Color)	4290938527 (0xFFC2869F)
YUV	154.7900, 2.0755, 34.3872
Hunter-Lab	55.6981, 21.2054, -0.2241

Details

The RYB color **194, 134, 159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **134, 172, 194**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **251, 188, 214**, and **139, 83, 108** is the 20% darker color. If you saturate the color by 10%, you get **194, 115, 148**, and if you desaturate by 10%, it is **194, 153, 170**.

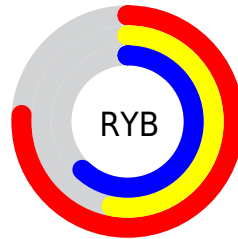
Distribution



Red (76%)

Green (53%)

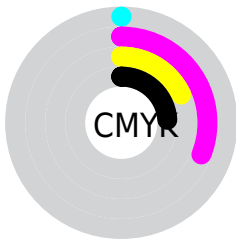
Blue (62%)



Red (76%)

Yellow (53%)

Blue (62%)

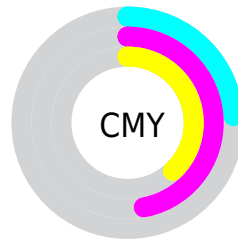


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (47%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the RYB color 194, 134, 159 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 194, 134, 159 by changing the saturation by 10% instead.


 194, 134, 159

255, 255, 255

 251, 188, 214

 255, 216, 242

 255, 244, 255


 194, 134, 159


 166, 108, 133

 139, 83, 108

 113, 59, 83

 88, 36, 60


 63, 13, 39


 41, 0, 18

 0, 0, 0

 194, 134, 159

 194, 115, 148

 194, 134, 159

 194, 153, 170

 194, 95, 136

 194, 173, 182

 194, 76, 125

 194, 192, 193

 194, 56, 114

 194, 206, 212

 194, 37, 102

 194, 217, 231

 194, 18, 91

 194, 229, 250

 194, 0, 81

 194, 229, 255

 194, 226, 255

 194, 225, 255

Harmonies

Analogous

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



175, 139, 181



194, 134, 159



199, 134, 135

Triad

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



194, 134, 159



106, 155, 111



81, 127, 188

Complementary

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



194, 134, 159



134, 172, 194

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.



76, 121, 168



194, 134, 159



121, 161, 159

Square

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



194, 134, 159



148, 174, 104



96, 136, 164



110, 140, 198

Rectangle

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



194, 134, 159



196, 141, 121



96, 136, 164



76, 124, 182

Sweetspot

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



194, 134, 159



252, 230, 239



169, 134, 194



128, 113, 119



0, 0, 0



128, 128, 128

Same Dimension

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



194, 134, 159



252, 159, 198



194, 139, 134



97, 87, 91



161, 0, 67



33, 0, 14

Inverse Universe

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



194, 134, 159



252, 159, 198



134, 163, 194



97, 87, 91



161, 0, 67



33, 0, 14

Previews

White Background



This preview shows how the RYB color 194, 134, 159 looks on a white background.

Color Contrast Check

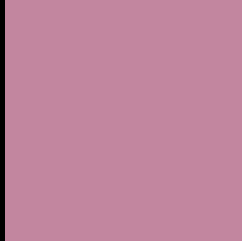
Large Text (above 18pt) WCAG AA × Fail

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 194, 134, 159 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 194, 134, 159 Background



This preview shows how black text looks on a background with the RYB color 194, 134, 159.

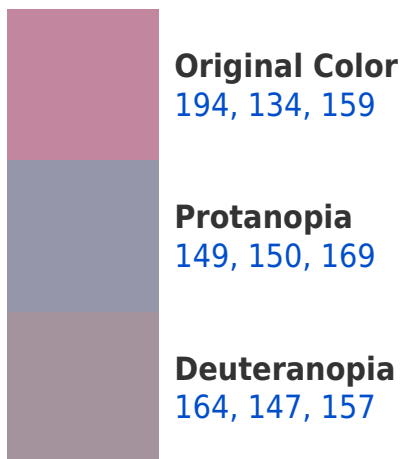



This preview shows how white text looks on a background with the RYB color 194, 134, 159.

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
193, 136, 147

Trichromacy



Original Color
194, 134, 159

Protanomaly
165, 144, 165

Deuteranomaly
175, 142, 158

Tritanomaly
193, 135, 151

Monochromacy



Original Color
194, 134, 159

Achromatopsia
155, 155, 155

Achromatomaly
169, 147, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 134, 159 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(194, 134, 159)` looks like.

```
.text, #text, p{  
    color:rgb(194, 134, 159)  
}
```

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(194, 134, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 134, 159) }
```

Border

The CSS property to change the border of an element to RYB 194, 134, 159 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(194, 134, 159) }
```

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

```
.border{ border-color:rgb(194, 134, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 134, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 134, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 134, 159);  
box-shadow:4px 4px 4px 4px rgb(194, 134,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 194, 134, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 134, 159) }
```

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

```
.background{ background-color: rgb(194,  
134, 159) }
```

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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