

Converting Colors

`RYB(94, 89, 151)`

Have a look what the booklet for
RYB(94, 89, 151) contains.

RYB(94, 89, 151)	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

R_YB(94, 89, 151)

Conversions

Conversions Part 1

Format	Color
Hex	5E5997
RGB	94, 89, 151
RGB Percent	37%, 35%, 59%
CMY	0.6314, 0.6510, 0.4078
CMYK	0.38, 0.41, 0.00, 0.41
HSL	245°, 26%, 47%
HSV	245°, 41%, 59%
XYZ	13.7744, 11.7588, 30.8218
YIQ	97.5630, -16.9220, 20.3420

Conversions

Conversions Part 2

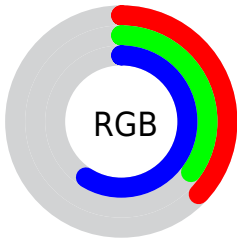
Format	Color
R_{YB}	94, 89, 151
Decimal	6183319
CIE _{Lab}	40.83, 17.67, -33.34
CIE _{LCh}	41, 37.732, 297.932
Yxy	11.7588, 0.2444, 0.2087
Android (android.graphics.Color)	4284373399 (0xFF5E5997)
YUV	97.5630, 26.3444, -3.1248
Hunter-Lab	34.2911, 11.6921, -29.2878

Details

The RYB color **94, 89, 151** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **89, 151, 94**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **147, 139, 206**, and **43, 44, 100** is the 20% darker color. If you saturate the color by 10%, you get **80, 74, 151**, and if you desaturate by 10%, it is **108, 104, 151**.

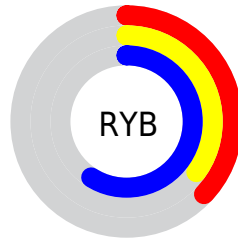
Distribution



Red (37%)

Green (35%)

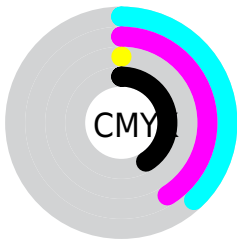
Blue (59%)



Red (37%)

Yellow (35%)

Blue (59%)

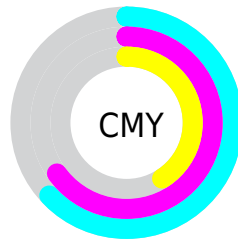


Cyan (38%)

Magenta (41%)

Yellow (0%)

Black (41%)



Cyan (63%)

Magenta (65%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 89, 151 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 94, 89, 151 by changing the saturation by 10% instead.

■ 94, 89, 151

■ 94, 89, 151

255, 255, 255

■ 69, 66, 125

■ 147, 139, 206

■ 43, 44, 100

■ 174, 165, 234

■ 16, 22, 75

■ 202, 192, 255

■ 0, 0, 53

■ 230, 220, 255

■ 0, 2, 30

■ 255, 249, 255

■ 0, 0, 1

■ 0, 0, 0

■ 94, 89, 151

■ 94, 89, 151

■ 80, 74, 151

■ 108, 104, 151

66, 59, 151

122, 119, 151

52, 44, 151

136, 134, 151

38, 29, 151

150, 149, 151

25, 14, 151

151, 164, 152

12, 0, 151

151, 180, 154

151, 195, 155

151, 210, 156

151, 225, 157

Harmonies

Analogous

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



18, 70, 158



94, 89, 151



132, 77, 130

Triad

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



94, 89, 151



139, 107, 44



0, 60, 111

Complementary

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



94, 89, 151



89, 151, 94

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.



44, 95, 109



94, 89, 151



59, 115, 31

Square

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



94, 89, 151



152, 72, 69



39, 103, 57



0, 59, 124

Rectangle

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



94, 89, 151



147, 71, 110



39, 103, 57



0, 64, 111

Sweetspot

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



94, 89, 151



175, 173, 196



89, 119, 151



87, 86, 99



227, 227, 227



99, 99, 99

Same Dimension

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



94, 89, 151



108, 100, 196



124, 89, 151



69, 69, 77



11, 0, 140



1, 0, 13

Inverse Universe

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



151, 89, 146



196, 100, 189



89, 151, 124



77, 69, 76



140, 0, 129



13, 0, 12

Previews

White Background



This preview shows how the RYB color 94, 89, 151 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 94, 89, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

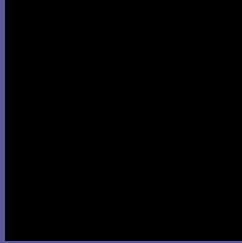
Any Text WCAG AA × Fail

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](#).

R Y B 94, 89, 151 Background



This preview shows how black text looks on a background with the R Y B color 94, 89, 151.

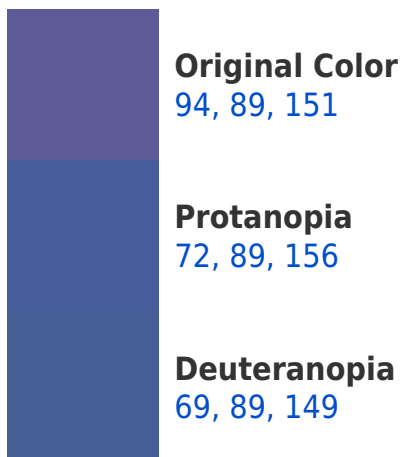


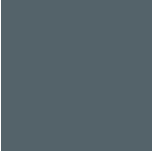
This preview shows how white text looks on a background with the R Y B color 94, 89, 151.

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
84, 93, 106

Trichromacy



Original Color

94, 89, 151

Protanomaly

80, 90, 154

Deuteranomaly

78, 90, 150

Tritanomaly

88, 94, 122

Monochromacy



Original Color

94, 89, 151

Achromatopsia

98, 98, 98

Achromatomaly

97, 95, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 89, 151 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(94, 89, 151)` looks like.

```
.text, #text, p{  
    color:rgb(94, 89, 151)  
}
```

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(94, 89, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 89, 151) }
```

Border

The CSS property to change the border of an element to RYB 94, 89, 151 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(94, 89, 151) }
```

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

```
.border{ border-color:rgb(94, 89, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 89, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 89, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 89, 151);  
box-shadow:4px 4px 4px 4px rgb(94, 89,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 94, 89, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 89, 151) }
```

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

```
.background{ background-color: rgb(94, 89,  
151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor