

Converting Colors

`RYB(94, 76, 123)`

Have a look what the booklet for
RYB(94, 76, 123) contains.

RYB(94, 76, 123)	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, 76, 123)

Conversions

Conversions Part 1

Format	Color
Hex	5E4C7B
RGB	94, 76, 123
RGB Percent	37%, 30%, 48%
CMY	0.6314, 0.7020, 0.5176
CMYK	0.24, 0.38, 0.00, 0.52
HSL	263°, 24%, 39%
HSV	263°, 38%, 48%
XYZ	10.7757, 8.9786, 19.9040
YIQ	86.7400, -4.3590, 18.4330

Conversions

Conversions Part 2

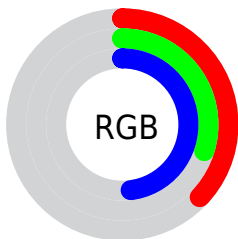
Format	Color
RYB	94, 76, 123
Decimal	6179963
CIELab	35.94, 18.10, -23.95
CIElCh	36, 30.021, 307.082
Yxy	8.9786, 0.2717, 0.2264
Android (android.graphics.Color)	4284370043 (0xFF5E4C7B)
YUV	86.7400, 17.8762, 6.3670
Hunter-Lab	29.9644, 11.7540, -18.4087

Details

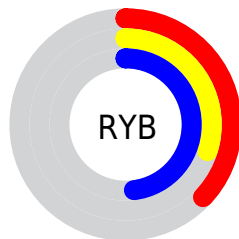
The RYB color **94, 76, 123** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **76, 123, 94**, and the grayscale version is **87, 87, 87**.

A 20% lighter version of the original color is **145, 125, 176**, and **46, 32, 74** is the 20% darker color. If you saturate the color by 10%, you get **86, 64, 123**, and if you desaturate by 10%, it is **102, 88, 123**.

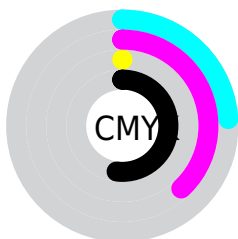
Distribution



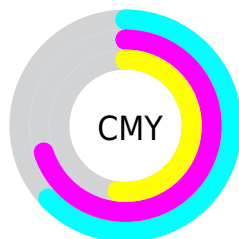
- Red (37%)
- Green (30%)
- Blue (48%)



- Red (37%)
- Yellow (30%)
- Blue (48%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)
- Black (52%)



- Cyan (63%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 76, 123 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, 76, 123 by changing the saturation by 10% instead.



94, 76, 123



94, 76, 123

255, 255, 255



70, 53, 98



145, 125, 176



46, 32, 74



172, 151, 203



24, 10, 51



200, 178, 231



0, 1, 30



228, 205, 255



0, 0, 0



255, 234, 255



94, 76, 123



94, 76, 123



86, 64, 123



102, 88, 123



79, 51, 123



109, 101, 123

■ 71, 39, 123

■ 117, 113, 123

■ 64, 27, 123

■ 123, 125, 124

■ 56, 14, 123

■ 123, 138, 129

■ 48, 2, 123

■ 123, 150, 133

■ 47, 0, 123

■ 123, 162, 138

■ 123, 174, 142

■ 123, 187, 148

Harmonies

Analogous

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



54, 76, 132



94, 76, 123



119, 68, 104

Triad

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



94, 76, 123



114, 114, 40



0, 50, 97

Complementary

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



94, 76, 123



76, 123, 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.



34, 74, 95



94, 76, 123



44, 93, 35

Square

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



94, 76, 123



127, 70, 57



45, 91, 68



0, 52, 113

Rectangle

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



94, 76, 123



127, 65, 88



45, 91, 68



0, 53, 97

Sweetspot

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



94, 76, 123



150, 143, 161



76, 94, 123



75, 71, 82



209, 209, 209



82, 82, 82

Same Dimension

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



94, 76, 123



115, 87, 161



117, 76, 123



57, 55, 61



48, 0, 125



97, 0, 252

Inverse Universe

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



123, 76, 105



161, 87, 132



76, 123, 117



61, 55, 59



125, 0, 77



252, 0, 156

Previews

White Background



This preview shows how the RYB color 94, 76, 123 looks on a white background.

Color Contrast Check

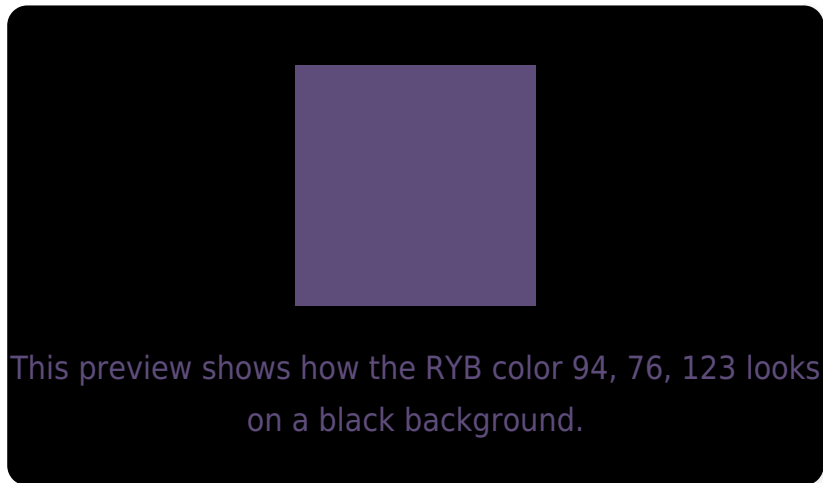
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

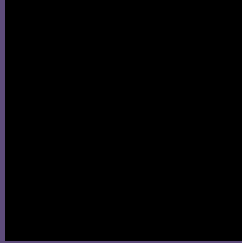
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 94, 76, 123 Background



This preview shows how black text looks on a background with the R Y B color 94, 76, 123.



This preview shows how white text looks on a background with the R Y B color 94, 76, 123.

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

94, 76, 123

Protanopia

68, 80, 129

Deuteranopia

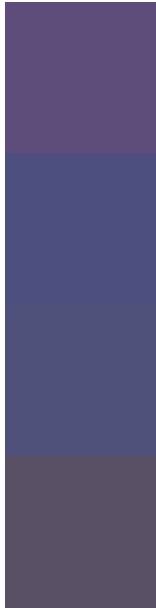
71, 81, 121



Tritanopia

88, 83, 90

Trichromacy



Original Color

94, 76, 123

Protanomaly

77, 80, 127

Deuteranomaly

79, 81, 122

Tritanomaly

90, 80, 102

Monochromacy



Original Color

94, 76, 123

Achromatopsia

87, 87, 87

Achromatomaly

90, 83, 100

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 76, 123 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, 76, 123) looks like.

```
.text, #text, p{  
    color:rgb(94, 76, 123)  
}
```

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, 76, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 76, 123) }
```

Border

The CSS property to change the border of an element to RYB 94, 76, 123 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, 76, 123) }
```

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

```
.border{ border-color:rgb(94, 76, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 76, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 76, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 76, 123);  
box-shadow:4px 4px 4px 4px rgb(94, 76,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 94, 76, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 76, 123) }
```

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

```
.background{ background-color: rgb(94, 76,  
123) }
```

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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