

Converting Colors

R_YB(97, 74, 179)

Have a look what the booklet for
RYB(97, 74, 179) contains.

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Color

R_YB(97, 74, 179)

Conversions

Conversions Part 1

Format	Color
Hex	614AB3
RGB	97, 74, 179
RGB Percent	38%, 29%, 70%
CMY	0.6196, 0.7098, 0.2980
CMYK	0.46, 0.59, 0.00, 0.30
HSL	253°, 42%, 50%
HSV	253°, 59%, 70%
XYZ	15.5152, 10.6936, 43.8942
YIQ	92.8470, -19.9970, 37.5310

Conversions

Conversions Part 2

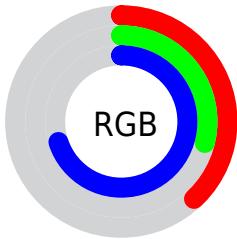
Format	Color
R _Y B	97, 74, 179
Decimal	6376115
CIE Lab	39.06, 35.93, -52.81
CIE LCh	39, 63.880, 304.231
Yxy	10.6936, 0.2213, 0.1525
Android (android.graphics.Color)	4284566195 (0xFF614AB3)
YUV	92.8470, 42.4734, 3.6422
Hunter-Lab	32.7011, 27.4634, -56.6932

Details

The RYB color **97, 74, 179** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **74, 179, 97**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **153, 124, 236**, and **39, 28, 125** is the 20% darker color. If you saturate the color by 10%, you get **83, 56, 179**, and if you desaturate by 10%, it is **111, 92, 179**.

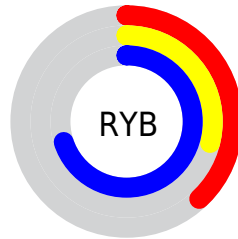
Distribution



Red (38%)

Green (29%)

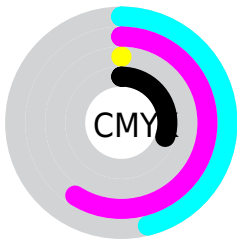
Blue (70%)



Red (38%)

Yellow (29%)

Blue (70%)

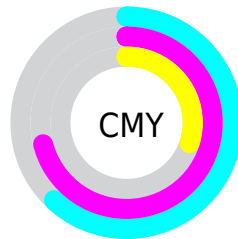


Cyan (46%)

Magenta (59%)

Yellow (0%)

Black (30%)



Cyan (62%)

Magenta (71%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 74, 179 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 97, 74, 179 by changing the saturation by 10% instead.



97, 74, 179



97, 74, 179

255, 255, 255



69, 51, 152



153, 124, 236



39, 28, 125



181, 150, 255



0, 6, 100



210, 177, 255



0, 0, 75



239, 204, 255



0, 4, 51



255, 233, 255



0, 2, 29



0, 0, 0



97, 74, 179



97, 74, 179



83, 56, 179



111, 92, 179

■ 69, 38, 179

■ 125, 110, 179

■ 55, 20, 179

■ 139, 128, 179

■ 41, 2, 179

■ 153, 146, 179

■ 39, 0, 179

■ 167, 164, 179

■ 179, 181, 179

■ 179, 199, 183

■ 179, 217, 187

■ 179, 235, 191

Harmonies

Analogous

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



0, 65, 197



97, 74, 179



158, 41, 138

Triad

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



97, 74, 179



147, 137, 0



0, 61, 114

Complementary

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



97, 74, 179



74, 179, 97

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, 80, 111



97, 74, 179



16, 106, 0

Square

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



97, 74, 179



174, 41, 37



0, 105, 55



0, 65, 150

Rectangle

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



97, 74, 179



176, 17, 104



0, 105, 55



0, 66, 113

Sweetspot

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



97, 74, 179



199, 190, 232



74, 120, 179



97, 91, 117



245, 245, 245



117, 117, 117

Same Dimension

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



97, 74, 179



105, 70, 232



149, 74, 179



82, 80, 89



34, 0, 153



6, 0, 26

Inverse Universe

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



179, 74, 156



232, 70, 196



74, 179, 149



89, 80, 87



153, 0, 119



26, 0, 20

Previews

White Background



This preview shows how the RYB color 97, 74, 179 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 97, 74, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

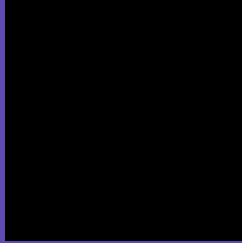
Any Text WCAG AA × Fail

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 97, 74, 179 Background



This preview shows how black text looks on a background with the RYB color 97, 74, 179.

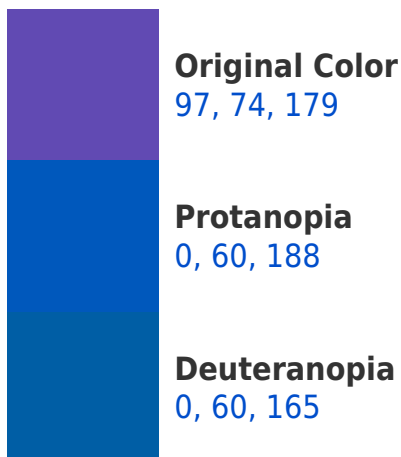


This preview shows how white text looks on a background with the RYB color 97, 74, 179.

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
77, 87, 102

Trichromacy



Original Color

97, 74, 179

Protanomaly

35, 72, 185

Deuteranomaly

35, 73, 170

Tritanomaly

84, 87, 130

Monochromacy



Original Color

97, 74, 179

Achromatopsia

93, 93, 93

Achromatomaly

94, 86, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 74, 179 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(97, 74, 179) looks like.

```
.text, #text, p{  
    color:rgb(97, 74, 179)  
}
```

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(97, 74, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 74, 179) }
```

Border

The CSS property to change the border of an element to RYB 97, 74, 179 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(97, 74, 179) }
```

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

```
.border{ border-color:rgb(97, 74, 179) }
```

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

Here you see how a box with a 4 pixel rgb(97, 74, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 74, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 74, 179);  
box-shadow:4px 4px 4px 4px rgb(97, 74,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 97, 74, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 74, 179) }
```

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

```
.background{ background-color: rgb(97, 74,  
179) }
```

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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