

Converting Colors

`RYB(103, 97, 255)`

Have a look what the booklet for
RYB(103, 97, 255) contains.

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Color

RYB(103, 97, 255)

Conversions

Conversions Part 1

Format	Color
Hex	6761FF
RGB	103, 97, 255
RGB Percent	40%, 38%, 100%
CMY	0.5961, 0.6196, 0.0000
CMYK	0.60, 0.62, 0.00, 0.00
HSL	242°, 100%, 69%
HSV	242°, 62%, 100%
XYZ	27.9182, 18.6530, 96.7367
YIQ	116.8060, -47.1420, 50.4100

Conversions

Conversions Part 2

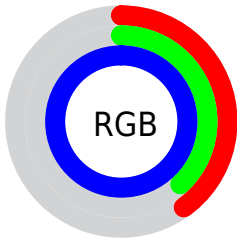
Format	Color
R_{YB}	103, 97, 255
Decimal	6775295
CIE _{Lab}	50.28, 46.68, -77.99
CIE _{LCh}	50, 90.899, 300.903
Yxy	18.6530, 0.1948, 0.1302
Android (android.graphics.Color)	4284965375 (0xFF6761FF)
YUV	116.8060, 68.1296, -12.1079
Hunter-Lab	43.1891, 39.8048, -102.5679

Details

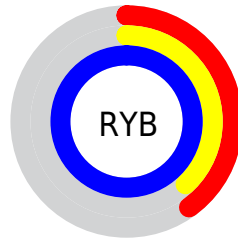
The RYB color **103, 97, 255** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **97, 255, 103**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **166, 148, 255**, and **11, 43, 197** is the 20% darker color. If you saturate the color by 10%, you get **78, 71, 255**, and if you desaturate by 10%, it is **128, 122, 255**.

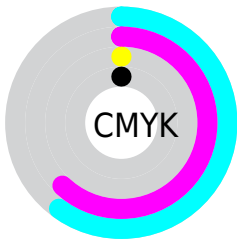
Distribution



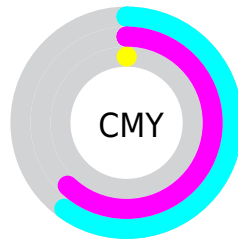
- Red (40%)
- Green (38%)
- Blue (100%)



- Red (40%)
- Yellow (38%)
- Blue (100%)



- Cyan (60%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)




- Cyan (60%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 103, 97, 255 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 103, 97, 255 by changing the saturation by 10% instead.

 103, 97, 255


255, 255, 255

 166, 148, 255

 197, 175, 255

 228, 203, 255

 255, 231, 255


 103, 97, 255

 68, 73, 226

 11, 43, 197

 0, 24, 169

 0, 7, 142

 0, 0, 115

 0, 8, 89

 0, 6, 65

 0, 3, 42

 0, 1, 20

■ 103, 97, 255

■ 103, 97, 255

■ 78, 71, 255

■ 128, 122, 255

■ 54, 46, 255

■ 152, 148, 255

■ 29, 20, 255

■ 177, 174, 255

■ 10, 0, 255

■ 201, 199, 255

■ 226, 225, 255

■ 250, 250, 255

255, 255, 255

Harmonies

Analogous

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



0, 86, 255



103, 97, 255



210, 31, 196

Triad

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



103, 97, 255



203, 140, 0



0, 83, 150

Complementary

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



103, 97, 255



97, 255, 103

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, 119, 146



103, 97, 255



32, 144, 0

Square

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



103, 97, 255



241, 0, 45



0, 137, 76



0, 86, 198

Rectangle

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



103, 97, 255



240, 0, 147



0, 137, 76



0, 92, 149

Sweetspot

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



103, 97, 255



208, 207, 255



97, 175, 255



99, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



103, 97, 255



73, 66, 255



181, 97, 255



115, 115, 128



7, 0, 191



2, 0, 64

Inverse Universe

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



255, 97, 249



255, 66, 248



97, 255, 181



128, 115, 127



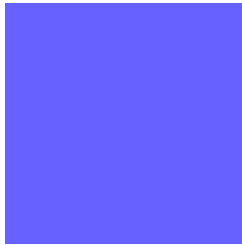
191, 0, 184



64, 0, 61

Previews

White Background



This preview shows how the RYB color 103, 97, 255 looks on a white background.

Color Contrast Check

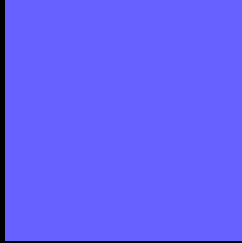
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 103, 97, 255 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 × Fail

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

RYB 103, 97, 255 Background



This preview shows how black text looks on a background with the RYB color 103, 97, 255.

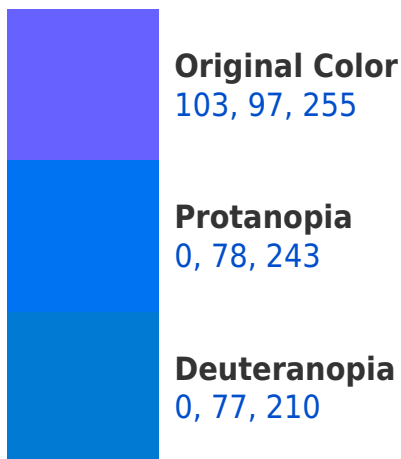


This preview shows how white text looks on a background with the RYB color 103, 97, 255.

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
51, 93, 140

Trichromacy



Original Color

103, 97, 255



Protanomaly

37, 90, 247



Deuteranomaly

37, 91, 226



Tritanomaly

70, 104, 182

Monochromacy



Original Color

103, 97, 255



Achromatopsia

117, 117, 117



Achromatomaly

112, 110, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 103, 97, 255 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(103, 97, 255)` looks like.

```
.text, #text, p{  
    color:rgb(103, 97, 255)  
}
```

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(103, 97, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 97, 255) }
```

Border

The CSS property to change the border of an element to RYB 103, 97, 255 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(103, 97, 255) }
```

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

```
.border{ border-color:rgb(103, 97, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 97, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 97, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 97, 255);  
box-shadow:4px 4px 4px 4px rgb(103, 97,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 103, 97, 255 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 97, 255) }
```

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

```
.background{ background-color: rgb(103, 97,  
255) }
```

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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