

Converting Colors

`RYB(153, 57, 122)`

Have a look what the booklet for
RYB(153, 57, 122) contains.

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Color

`RYB(153, 57, 122)`

Conversions

Conversions Part 1

Format	Color
Hex	99397A
RGB	153, 57, 122
RGB Percent	60%, 22%, 48%
CMY	0.4000, 0.7765, 0.5216
CMYK	0.00, 0.63, 0.20, 0.40
HSL	319°, 46%, 41%
HSV	319°, 63%, 60%
XYZ	18.1128, 11.1037, 19.6009
YIQ	93.1140, 36.3510, 40.5670

Conversions

Conversions Part 2

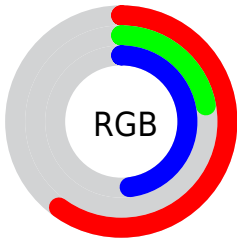
Format	Color
R_{YB}	153, 57, 122
Decimal	10041722
CIE _{Lab}	39.75, 47.41, -16.80
CIE _{LCh}	40, 50.298, 340.488
Yxy	11.1037, 0.3710, 0.2275
Android (android.graphics.Color)	4288231802 (0xFF99397A)
YUV	93.1140, 14.2408, 52.5200
Hunter-Lab	33.3222, 38.7128, -11.5503

Details

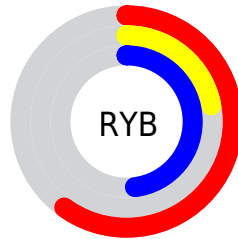
The RYB color **153, 57, 122** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **57, 130, 153**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **210, 110, 175**, and **99, 0, 73** is the 20% darker color. If you saturate the color by 10%, you get **153, 42, 117**, and if you desaturate by 10%, it is **153, 72, 127**.

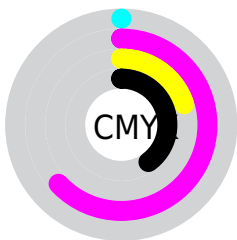
Distribution



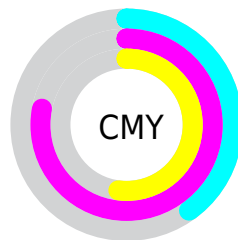
- Red (60%)
- Green (22%)
- Blue (48%)



- Red (60%)
- Yellow (22%)
- Blue (48%)



- Cyan (0%)
- Magenta (63%)
- Yellow (20%)
- Black (40%)




- Cyan (40%)
- Magenta (78%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the RYB color 153, 57, 122 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 153, 57, 122 by changing the saturation by 10% instead.

 153, 57, 122

 153, 57, 122

255, 255, 255

 126, 29, 97

 210, 110, 175

 99, 0, 73

 239, 137, 202

 72, 0, 50

 255, 164, 230

 50, 0, 30

 255, 192, 255

 8, 0, 0

 255, 221, 255

 0, 0, 0

 255, 250, 255

 153, 57, 122

 153, 57, 122

 153, 42, 117

 153, 72, 127

■ 153, 26, 112

■ 153, 88, 132

■ 153, 11, 107

■ 153, 103, 137

■ 153, 0, 104

■ 153, 118, 142

■ 153, 134, 147

■ 153, 149, 152

■ 153, 161, 164

■ 153, 172, 179

■ 153, 185, 195

Harmonies

Analogous

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



113, 76, 157



153, 57, 122



167, 51, 81

Triad

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



153, 57, 122



4, 100, 0



0, 63, 146

Complementary

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



153, 57, 122



57, 130, 153

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, 58, 113



153, 57, 122



24, 106, 76

Square

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



153, 57, 122



91, 134, 4



0, 70, 111



0, 65, 171

Rectangle

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



153, 57, 122



163, 58, 55



0, 70, 111



0, 61, 134

Sweetspot

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



153, 57, 122



199, 161, 187



87, 57, 153



99, 77, 92



227, 227, 227



99, 99, 99

Same Dimension

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



153, 57, 122



199, 50, 151



153, 57, 75



77, 69, 74



140, 0, 95



13, 0, 9

Inverse Universe

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



153, 57, 122



199, 50, 151



57, 110, 153



77, 69, 74



140, 0, 95



13, 0, 9

Previews

White Background



This preview shows how the RYB color 153, 57, 122 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 153, 57, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

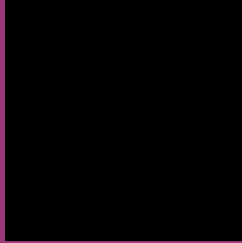
Any Text WCAG AA × Fail

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 153, 57, 122 Background



This preview shows how black text looks on a background with the RYB color 153, 57, 122.

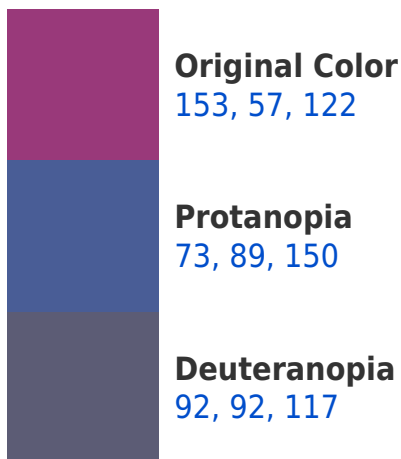



This preview shows how white text looks on a background with the RYB color 153, 57, 122.

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
149, 69, 74

Trichromacy



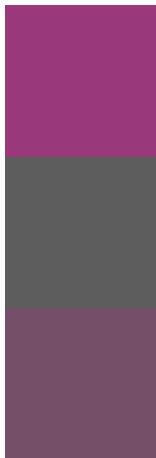
Original Color
153, 57, 122

Protanomaly
102, 80, 140

Deuteranomaly
114, 79, 119

Tritanomaly
150, 65, 91

Monochromacy



Original Color
153, 57, 122

Achromatopsia
93, 93, 93

Achromatomaly
115, 80, 104

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 57, 122 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(153, 57, 122)` looks like.

```
.text, #text, p{  
    color:rgb(153, 57, 122)  
}
```

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(153, 57, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 57, 122) }
```

Border

The CSS property to change the border of an element to RYB 153, 57, 122 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(153, 57, 122) }
```

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

```
.border{ border-color:rgb(153, 57, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 57, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 57, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 57, 122);  
box-shadow:4px 4px 4px 4px rgb(153, 57,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 153, 57, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 57, 122) }
```

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

```
.background{ background-color: rgb(153, 57,  
122) }
```

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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