

Converting Colors

`RYB(159, 75, 130)`

Have a look what the booklet for
RYB(159, 75, 130) contains.

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Color

R_YB(159, 75, 130)

Conversions

Conversions Part 1

Format	Color
Hex	9F4B82
RGB	159, 75, 130
RGB Percent	62%, 29%, 51%
CMY	0.3765, 0.7059, 0.4902
CMYK	0.00, 0.53, 0.18, 0.38
HSL	321°, 36%, 46%
HSV	321°, 53%, 62%
XYZ	20.8434, 14.0148, 22.7256
YIQ	106.3860, 32.4090, 34.9130

Conversions

Conversions Part 2

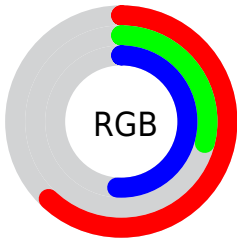
Format	Color
R_{YB}	159, 75, 130
Decimal	10439554
CIE _{Lab}	44.25, 41.80, -14.75
CIE _{LCh}	44, 44.328, 340.565
Yxy	14.0148, 0.3620, 0.2434
Android (android.graphics.Color)	4288629634 (0xFF9F4B82)
YUV	106.3860, 11.6417, 46.1425
Hunter-Lab	37.4363, 33.8698, -9.7864

Details

The RYB color **159, 75, 130** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **75, 137, 159**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **216, 127, 183**, and **105, 22, 81** is the 20% darker color. If you saturate the color by 10%, you get **159, 59, 125**, and if you desaturate by 10%, it is **159, 91, 135**.

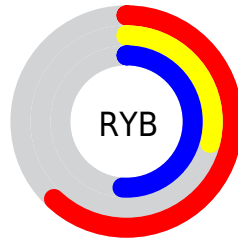
Distribution



Red (62%)

Green (29%)

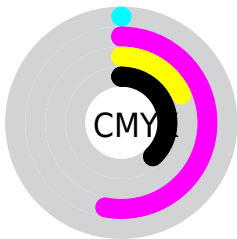
Blue (51%)



Red (62%)

Yellow (29%)

Blue (51%)

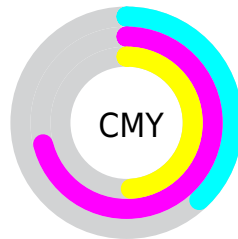


Cyan (0%)

Magenta (53%)

Yellow (18%)

Black (38%)



Cyan (38%)


Magenta (71%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 75, 130 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 159, 75, 130 by changing the saturation by 10% instead.

 159, 75, 130

255, 255, 255

 216, 127, 183

 245, 154, 211

 255, 181, 239

 255, 209, 255

 255, 238, 255

 159, 75, 130

 132, 49, 105

 105, 22, 81

 79, 0, 58

 54, 0, 36

 28, 0, 12

 0, 0, 0


 159, 75, 130

 159, 59, 125

 159, 43, 119

 159, 75, 130

 159, 91, 135

 159, 107, 141

159, 27, 114

159, 123, 146

159, 11, 108

159, 139, 152

159, 0, 104

159, 155, 157

159, 167, 170

159, 179, 186

159, 191, 202

159, 203, 218

Harmonies

Analogous

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



124, 89, 161



159, 75, 130



172, 71, 93

Triad

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



159, 75, 130



30, 112, 25



0, 67, 152

Complementary

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



159, 75, 130



75, 137, 159

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, 63, 123



159, 75, 130



45, 116, 89

Square

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



159, 75, 130



122, 144, 32



0, 73, 121



0, 69, 174

Rectangle

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



159, 75, 130



170, 75, 69



0, 73, 121



0, 65, 141

Sweetspot

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



159, 75, 130



207, 174, 195



103, 75, 159



105, 85, 98



232, 232, 232



105, 105, 105

Same Dimension

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



159, 75, 130



207, 76, 162



159, 75, 89



79, 71, 76



143, 0, 93



15, 0, 10

Inverse Universe

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



159, 75, 130



207, 76, 162



75, 121, 159



79, 71, 76



143, 0, 94



15, 0, 10

Previews

White Background



This preview shows how the RYB color 159, 75, 130 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 159, 75, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

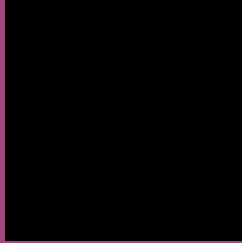
Any Text WCAG AA × Fail

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 159, 75, 130 Background



This preview shows how black text looks on a background with the RYB color 159, 75, 130.

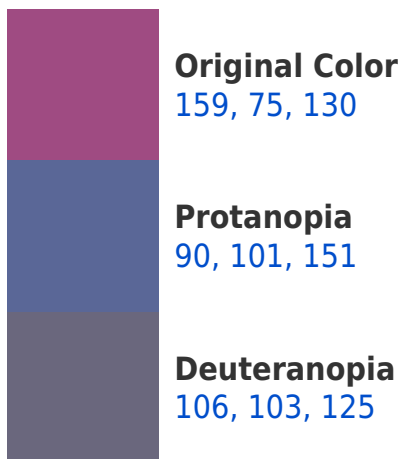


This preview shows how white text looks on a background with the RYB color 159, 75, 130.

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
155, 84, 90

Trichromacy



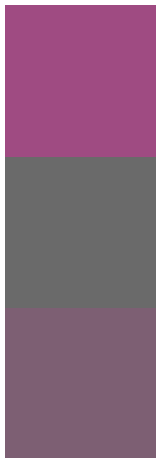
Original Color
159, 75, 130

Protanomaly
115, 93, 143

Deuteranomaly
125, 93, 127

Tritanomaly
156, 81, 105

Monochromacy



Original Color
159, 75, 130

Achromatopsia
106, 106, 106

Achromatomaly
125, 95, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 75, 130 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(159, 75, 130)` looks like.

```
.text, #text, p{  
    color:rgb(159, 75, 130)  
}
```

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(159, 75, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 75, 130) }
```

Border

The CSS property to change the border of an element to RYB 159, 75, 130 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(159, 75, 130) }
```

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

```
.border{ border-color:rgb(159, 75, 130) }
```

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

Here you see how a box with a 4 pixel rgb(159, 75, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 75, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 75, 130);  
box-shadow:4px 4px 4px 4px rgb(159, 75,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 159, 75, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 75, 130) }
```

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

```
.background{ background-color: rgb(159, 75,  
130) }
```

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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