

Converting Colors

`RYB(159, 76, 105)`

Have a look what the booklet for
RYB(159, 76, 105) contains.

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Color

R_YB(159, 76, 105)

Conversions

Conversions Part 1

Format	Color
Hex	9F4C69
RGB	159, 76, 105
RGB Percent	62%, 30%, 41%
CMY	0.3765, 0.7020, 0.5882
CMYK	0.00, 0.52, 0.34, 0.38
HSL	339°, 35%, 46%
HSV	339°, 52%, 62%
XYZ	19.4323, 13.5597, 14.9577
YIQ	104.1230, 40.1590, 26.6150

Conversions

Conversions Part 2

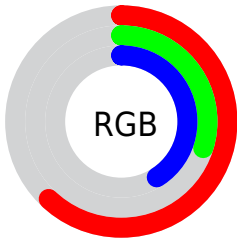
Format	Color
RYB	159, 76, 105
Decimal	10439785
CIELab	43.59, 37.68, -0.45
CIElCh	44, 37.683, 359.321
Yxy	13.5597, 0.4053, 0.2828
Android (android.graphics.Color)	4288629865 (0xFF9F4C69)
YUV	104.1230, 0.4324, 48.1271
Hunter-Lab	36.8235, 29.7559, 1.6929

Details

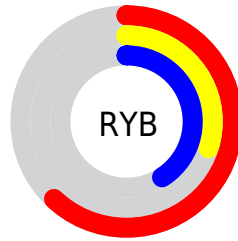
The RYB color **159, 76, 105** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **76, 126, 159**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **216, 127, 156**, and **104, 25, 58** is the 20% darker color. If you saturate the color by 10%, you get **159, 60, 95**, and if you desaturate by 10%, it is **159, 92, 115**.

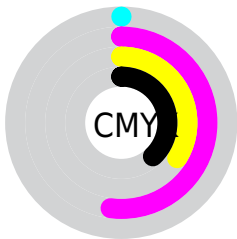
Distribution



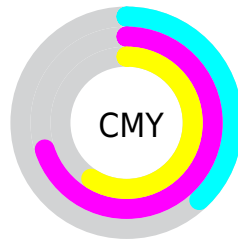
- Red (62%)
- Green (30%)
- Blue (41%)



- Red (62%)
- Yellow (30%)
- Blue (41%)



- Cyan (0%)
- Magenta (52%)
- Yellow (34%)
- Black (38%)



- Cyan (38%)
- Magenta (70%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 76, 105 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, 76, 105 by changing the saturation by 10% instead.



159, 76, 105



159, 76, 105

255, 255, 255



131, 51, 81



216, 127, 156



104, 25, 58



245, 154, 183



78, 0, 37



255, 182, 211



54, 0, 15



255, 210, 239



22, 0, 0



255, 238, 255



0, 0, 0



159, 76, 105



159, 76, 105



159, 60, 95



159, 92, 115



159, 44, 84



159, 108, 126

 159, 28, 74

 159, 124, 136

 159, 12, 64

 159, 140, 146

 159, 0, 56

 159, 156, 157

 159, 166, 171

 159, 176, 187

 159, 186, 203

 159, 195, 219

Harmonies

Analogous

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



141, 83, 135



159, 76, 105



160, 79, 74

Triad

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



159, 76, 105



46, 110, 66



0, 66, 156

Complementary

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



159, 76, 105



76, 126, 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, 133



159, 76, 105



49, 100, 116

Square

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



159, 76, 105



64, 121, 38



0, 64, 118



38, 83, 165

Rectangle

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



159, 76, 105



152, 99, 57



0, 64, 118



0, 65, 150

Sweetspot

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



159, 76, 105



207, 174, 185



130, 76, 159



105, 85, 92



232, 232, 232



105, 105, 105

Same Dimension

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



159, 76, 105



207, 76, 122



159, 90, 76



79, 71, 74



143, 0, 50



15, 0, 5

Inverse Universe

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



159, 76, 105



207, 76, 122



76, 114, 159



79, 71, 74



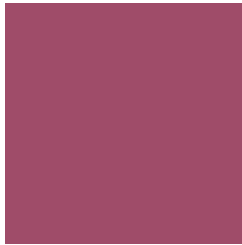
143, 0, 50



15, 0, 5

Previews

White Background



This preview shows how the RYB color 159, 76, 105 looks on a white background.

Color Contrast Check

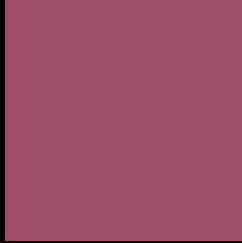
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

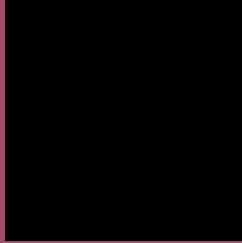
Any Text WCAG AA × Fail

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, 76, 105 Background



This preview shows how black text looks on a background with the RYB color 159, 76, 105.



This preview shows how white text looks on a background with the RYB color 159, 76, 105.

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

159, 76, 105

Protanopia

100, 103, 121

Deuteranopia

114, 100, 101



Tritanopia
157, 80, 85

Trichromacy



Original Color

159, 76, 105

Protanomaly

121, 93, 115

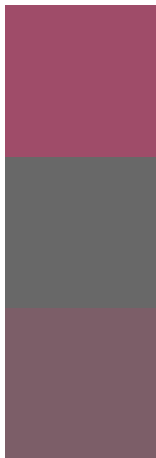
Deuteranomaly

130, 91, 102

Tritanomaly

158, 79, 92

Monochromacy



Original Color

159, 76, 105

Achromatopsia

104, 104, 104

Achromatomaly

124, 94, 104

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 76, 105 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, 76, 105)` looks like.

```
.text, #text, p{  
    color:rgb(159, 76, 105)  
}
```

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, 76, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 76, 105) }
```

Border

The CSS property to change the border of an element to RYB 159, 76, 105 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, 76, 105) }
```

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

```
.border{ border-color:rgb(159, 76, 105) }
```

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

Here you see how a box with a 4 pixel rgb(159, 76, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 76, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 76, 105);  
box-shadow:4px 4px 4px 4px rgb(159, 76,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 159, 76, 105 is called "background".

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

```
.background, #background, body{  
background: rgb(159, 76, 105) }
```

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

```
.background{ background-color: rgb(159, 76,  
105) }
```

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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