

Converting Colors

`RYB(154, 76, 106)`

Have a look what the booklet for
RYB(154, 76, 106) contains.

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Color

`RYB(154, 76, 106)`

Conversions

Conversions Part 1

Format	Color
Hex	9A4C6A
RGB	154, 76, 106
RGB Percent	60%, 30%, 42%
CMY	0.3961, 0.7020, 0.5843
CMYK	0.00, 0.51, 0.31, 0.40
HSL	337°, 34%, 45%
HSV	337°, 51%, 60%
XYZ	18.5124, 13.0795, 15.1846
YIQ	102.7420, 36.8580, 25.8660

Conversions

Conversions Part 2

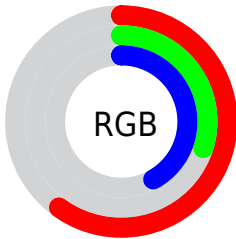
Format	Color
RYB	154, 76, 106
Decimal	10112106
CIELab	42.88, 36.03, -2.19
CIELCh	43, 36.092, 356.516
Yxy	13.0795, 0.3958, 0.2796
Android (android.graphics.Color)	4288302186 (0xFF9A4C6A)
YUV	102.7420, 1.6062, 44.9533
Hunter-Lab	36.1656, 28.0804, 0.4223

Details

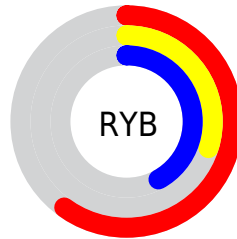
The RYB color **154, 76, 106** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **76, 124, 154**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **210, 127, 157**, and **100, 26, 59** is the 20% darker color. If you saturate the color by 10%, you get **154, 61, 97**, and if you desaturate by 10%, it is **154, 91, 115**.

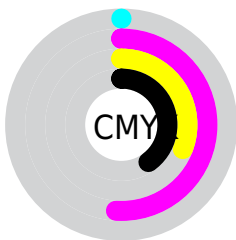
Distribution



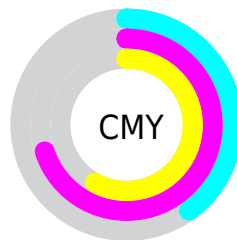
- Red (60%)
- Green (30%)
- Blue (42%)



- Red (60%)
- Yellow (30%)
- Blue (42%)



- Cyan (0%)
- Magenta (51%)
- Yellow (31%)
- Black (40%)



- Cyan (40%)
- Magenta (70%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 76, 106 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 154, 76, 106 by changing the saturation by 10% instead.

 154, 76, 106


 154, 76, 106

255, 255, 255

 127, 51, 82

 210, 127, 157

 100, 26, 59

 240, 154, 184

 74, 0, 37

 255, 181, 212

 50, 0, 16

 255, 209, 240

 14, 0, 0

 255, 238, 255

 0, 0, 0


 154, 76, 106

 154, 76, 106


 154, 61, 97

 154, 91, 115


 154, 45, 87

 154, 107, 125

 154, 30, 78

 154, 122, 134


 154, 14, 68


 154, 138, 144


 154, 0, 59

 154, 153, 153

 154, 163, 168

 154, 173, 184

 154, 182, 199

 154, 192, 215

Harmonies

Analogous

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



135, 83, 135



154, 76, 106



156, 78, 76

Triad

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



154, 76, 106



45, 107, 60



0, 64, 150

Complementary

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



154, 76, 106



76, 124, 154

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, 61, 127



154, 76, 106



55, 103, 113

Square

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



154, 76, 106



74, 122, 40



0, 63, 116



33, 79, 161

Rectangle

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



154, 76, 106



150, 93, 59



0, 63, 116



0, 64, 144

Sweetspot

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



154, 76, 106



201, 171, 183



123, 76, 154



102, 84, 91



230, 230, 230



102, 102, 102

Same Dimension

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



154, 76, 106



201, 79, 126



154, 85, 76



77, 69, 72



140, 0, 54



13, 0, 5

Inverse Universe

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



154, 76, 106



201, 79, 126



76, 113, 154



77, 69, 72



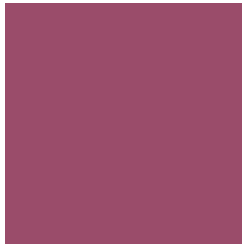
140, 0, 54



13, 0, 5

Previews

White Background



This preview shows how the RYB color 154, 76, 106 looks on a white background.

Color Contrast Check

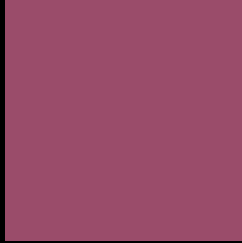
Large Text (above 18pt) WCAG AA ✓ Pass

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 154, 76, 106 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 154, 76, 106 Background



This preview shows how black text looks on a background with the RYB color 154, 76, 106.

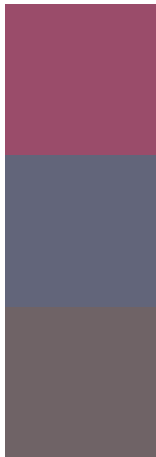


This preview shows how white text looks on a background with the RYB color 154, 76, 106.

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
154, 76, 106

Protanopia
98, 101, 122

Deuteranopia
111, 99, 102



Tritanopia
152, 80, 86

Trichromacy



Original Color

154, 76, 106

Protanomaly

118, 92, 116

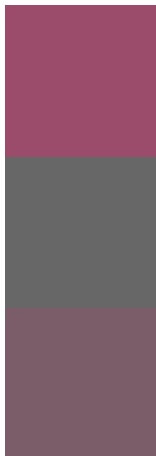
Deuteranomaly

127, 91, 103

Tritanomaly

153, 79, 93

Monochromacy



Original Color

154, 76, 106

Achromatopsia

103, 103, 103

Achromatomaly

122, 93, 104

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 76, 106 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(154, 76, 106) looks like.

```
.text, #text, p{  
    color:rgb(154, 76, 106)  
}
```

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(154, 76, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 76, 106) }
```

Border

The CSS property to change the border of an element to RYB 154, 76, 106 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(154, 76, 106) }
```

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

```
.border{ border-color:rgb(154, 76, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 76, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 76, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 76, 106); box-shadow:4px 4px 4px 4px rgb(154, 76, 106) }
```

Background

The CSS property to change the background color of an element to RGB 154, 76, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 76, 106) }
```

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

```
.background{ background-color: rgb(154, 76,  
106) }
```

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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