

Converting Colors

`RYB(161, 94, 154)`

Have a look what the booklet for
RYB(161, 94, 154) contains.

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Color

`RYB(161, 94, 154)`

Conversions

Conversions Part 1

Format	Color
Hex	A15E9A
RGB	161, 94, 154
RGB Percent	63%, 37%, 60%
CMY	0.3686, 0.6314, 0.3961
CMYK	0.00, 0.42, 0.04, 0.37
HSL	306°, 26%, 50%
HSV	306°, 42%, 63%
XYZ	24.5334, 17.9156, 32.7368
YIQ	120.8730, 20.6720, 32.8640

Conversions

Conversions Part 2

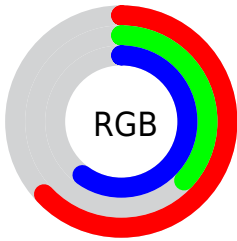
Format	Color
RYB	161, 94, 154
Decimal	10575514
CIELab	49.39, 36.48, -21.24
CIELCh	49, 42.216, 329.797
Yxy	17.9156, 0.3263, 0.2383
Android (android.graphics.Color)	4288765594 (0xFFA15E9A)
YUV	120.8730, 16.3316, 35.1914
Hunter-Lab	42.3268, 29.3900, -16.2280

Details

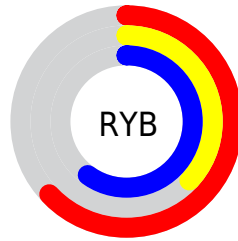
The RYB color **161, 94, 154** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **94, 155, 161**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **217, 146, 209**, and **108, 45, 103** is the 20% darker color. If you saturate the color by 10%, you get **161, 78, 152**, and if you desaturate by 10%, it is **161, 110, 156**.

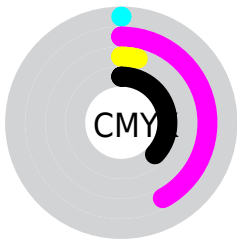
Distribution



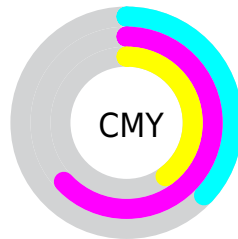
- Red (63%)
- Green (37%)
- Blue (60%)



- Red (63%)
- Yellow (37%)
- Blue (60%)



- Cyan (0%)
- Magenta (42%)
- Yellow (4%)
- Black (37%)




- Cyan (37%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 94, 154 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 161, 94, 154 by changing the saturation by 10% instead.

 161, 94, 154


255, 255, 255

 217, 146, 209

 246, 173, 237

 255, 201, 255

 255, 229, 255

 161, 94, 154

 134, 69, 128

 108, 45, 103


 82, 19, 78


 58, 0, 55


 38, 0, 34

 0, 0, 7


 0, 0, 0


 161, 94, 154


 161, 78, 152


 161, 94, 154


 161, 110, 156


 161, 62, 151


 161, 126, 157


 161, 46, 149

 161, 142, 159


 161, 30, 147

 161, 158, 161


 161, 13, 146


 161, 174, 175

 161, 0, 144

 161, 188, 191

 161, 202, 207

 161, 218, 223

 161, 232, 239

Harmonies

Analogous

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



118, 108, 180



161, 94, 154



182, 86, 119

Triad

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



161, 94, 154



72, 138, 42



0, 71, 152

Complementary

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



161, 94, 154



94, 155, 161

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, 73, 135



161, 94, 154



52, 126, 76

Square

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



161, 94, 154



166, 135, 56



54, 113, 132



0, 75, 179

Rectangle

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



161, 94, 154



184, 87, 95



54, 113, 132



0, 69, 141

Sweetspot

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



161, 94, 154



209, 184, 206



101, 94, 161



105, 90, 103



232, 232, 232



105, 105, 105

Same Dimension

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



161, 94, 154



209, 105, 198



161, 94, 121



82, 73, 81



145, 0, 130



18, 0, 16

Inverse Universe

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



161, 94, 154



209, 105, 198



94, 136, 161



82, 73, 81



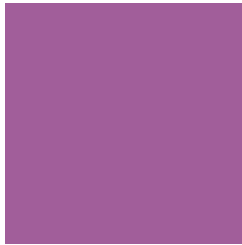
145, 0, 130



18, 0, 16

Previews

White Background



This preview shows how the RYB color 161, 94, 154 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 161, 94, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

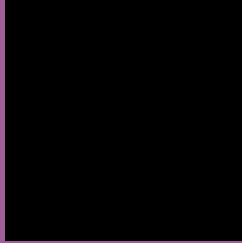
Any Text WCAG AA ✓ Pass

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 161, 94, 154 Background



This preview shows how black text looks on a background with the RYB color 161, 94, 154.

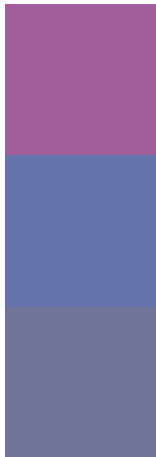


This preview shows how white text looks on a background with the RYB color 161, 94, 154.

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
161, 94, 154

Protanopia
100, 113, 171

Deuteranopia
112, 116, 150



Tritanopia
156, 103, 111

Trichromacy



Original Color
161, 94, 154

Protanomaly
122, 108, 165

Deuteranomaly
130, 108, 151

Tritanomaly
158, 100, 127

Monochromacy



Original Color
161, 94, 154

Achromatopsia
121, 121, 121

Achromatomaly
136, 111, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 94, 154 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(161, 94, 154)` looks like.

```
.text, #text, p{  
    color:rgb(161, 94, 154)  
}
```

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(161, 94, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 94, 154) }
```

Border

The CSS property to change the border of an element to RYB 161, 94, 154 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(161, 94, 154) }
```

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

```
.border{ border-color:rgb(161, 94, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 94, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 94, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 94, 154);  
box-shadow:4px 4px 4px 4px rgb(161, 94,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 161, 94, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 94, 154) }
```

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

```
.background{ background-color: rgb(161, 94,  
154) }
```

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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