

Converting Colors

`RYB(161, 113, 158)`

Have a look what the booklet for
RYB(161, 113, 158) contains.

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Color

R_YB(161, 113, 158)

Conversions

Conversions Part 1

Format	Color
Hex	A1719E
RGB	161, 113, 158
RGB Percent	63%, 44%, 62%
CMY	0.3686, 0.5569, 0.3804
CMYK	0.00, 0.30, 0.02, 0.37
HSL	304°, 20%, 54%
HSV	304°, 30%, 63%
XYZ	26.7746, 21.8559, 35.1552
YIQ	132.4820, 14.1630, 24.1710

Conversions

Conversions Part 2

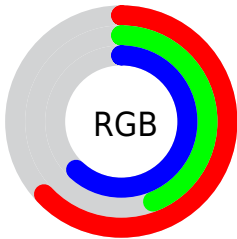
Format	Color
R_{YB}	161, 113, 158
Decimal	10580382
CIE _{Lab}	53.87, 26.59, -16.73
CIE _{LCh}	54, 31.414, 327.813
Yxy	21.8559, 0.3196, 0.2609
Android (android.graphics.Color)	4288770462 (0xFFA1719E)
YUV	132.4820, 12.5804, 25.0103
Hunter-Lab	46.7503, 20.4165, -11.8595

Details

The RYB color **161, 113, 158** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **113, 158, 161**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **216, 165, 213**, and **109, 64, 107** is the 20% darker color. If you saturate the color by 10%, you get **161, 97, 157**, and if you desaturate by 10%, it is **161, 129, 159**.

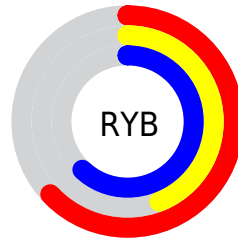
Distribution



Red (63%)

Green (44%)

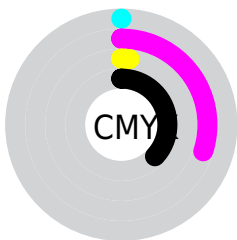
Blue (62%)



Red (63%)

Yellow (44%)

Blue (62%)

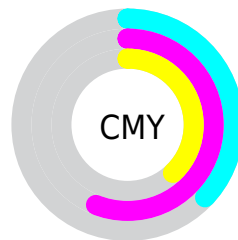


Cyan (0%)

Magenta (30%)

Yellow (2%)

Black (37%)



Cyan (37%)


Magenta (56%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 113, 158 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, 113, 158 by changing the saturation by 10% instead.

 161, 113, 158


255, 255, 255

 216, 165, 213

 245, 193, 241

 255, 221, 255

 255, 250, 255

 161, 113, 158

 134, 88, 132

 109, 64, 107

 84, 41, 82


 60, 18, 59


 38, 0, 37


 0, 0, 14


 0, 0, 0


 161, 113, 158


 161, 97, 157


 161, 113, 158


 161, 129, 159


 161, 81, 156


 161, 145, 160


 161, 65, 155


 161, 161, 161


 161, 49, 154

 161, 176, 177


 161, 32, 153

 161, 191, 193

 161, 16, 152

 161, 207, 210

 161, 0, 151

 161, 222, 226

 161, 237, 242

 161, 249, 255

Harmonies

Analogous

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



129, 122, 177



161, 113, 158



179, 108, 132

Triad

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



161, 113, 158



105, 148, 74



0, 74, 153

Complementary

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



161, 113, 158



113, 158, 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.



51, 102, 143



161, 113, 158



80, 135, 94

Square

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



161, 113, 158



170, 138, 84



88, 131, 140



33, 94, 174

Rectangle

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



161, 113, 158



182, 108, 114



88, 131, 140



19, 81, 144

Sweetspot

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



161, 113, 158



209, 190, 208



115, 113, 161



105, 93, 104



232, 232, 232



105, 105, 105

Same Dimension

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



161, 113, 158



209, 134, 204



161, 113, 135



82, 73, 81



145, 0, 136



18, 0, 17

Inverse Universe

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



161, 113, 158



209, 134, 204



113, 144, 161



82, 73, 81



145, 0, 136



18, 0, 17

Previews

White Background



This preview shows how the RYB color 161, 113, 158 looks on a white background.

Color Contrast Check

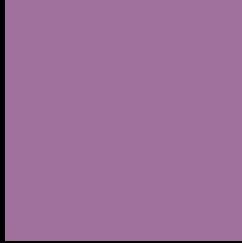
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 161, 113, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

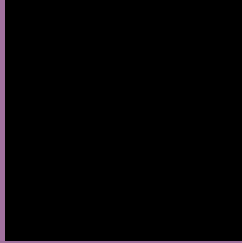
Any Text WCAG AA ✓ Pass

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, 113, 158 Background



This preview shows how black text looks on a background with the RYB color 161, 113, 158.



This preview shows how white text looks on a background with the RYB color 161, 113, 158.

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, 113, 158

Protanopia
118, 126, 168

Deuteranopia
128, 126, 156



Tritanopia
157, 119, 128

Trichromacy



Original Color
161, 113, 158

Protanomaly
134, 123, 164

Deuteranomaly
140, 121, 157

Tritanomaly
158, 117, 139

Monochromacy



Original Color
161, 113, 158

Achromatopsia
132, 132, 132

Achromatomaly
143, 125, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 113, 158 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, 113, 158)` looks like.

```
.text, #text, p{  
    color:rgb(161, 113, 158)  
}
```

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, 113, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 113, 158) }
```

Border

The CSS property to change the border of an element to RYB 161, 113, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

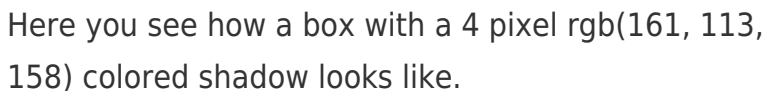
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 113, 158) }
```

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

```
.border{ border-color:rgb(161, 113, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 113, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 113, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 113, 158); box-shadow:4px 4px 4px 4px rgb(161, 113, 158) }
```

Background

The CSS property to change the background color of an element to RYB 161, 113, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 113, 158) }
```

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

```
.background{ background-color: rgb(161,  
113, 158) }
```

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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