

Converting Colors

`RYB(161, 115, 142)`

Have a look what the booklet for
RYB(161, 115, 142) contains.

RYB(161, 115, 142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(161, 115, 142)

Conversions

Conversions Part 1

Format	Color
Hex	A1738E
RGB	161, 115, 142
RGB Percent	63%, 45%, 56%
CMY	0.3686, 0.5490, 0.4431
CMYK	0.00, 0.29, 0.12, 0.37
HSL	325°, 20%, 54%
HSV	325°, 29%, 63%
XYZ	25.7112, 21.7915, 28.4422
YIQ	131.8320, 18.7490, 18.1490

Conversions

Conversions Part 2

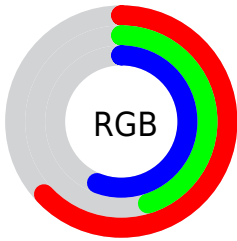
Format	Color
R_{YB}	161, 115, 142
Decimal	10580878
CIE _{Lab}	53.81, 22.48, -7.50
CIE _{LCh}	54, 23.701, 341.563
Yxy	21.7915, 0.3386, 0.2869
Android (android.graphics.Color)	4288770958 (0xFFA1738E)
YUV	131.8320, 5.0128, 25.5803
Hunter-Lab	46.6814, 16.6217, -3.4475

Details

The RYB color **161, 115, 142** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **115, 148, 161**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **216, 167, 196**, and **109, 66, 92** is the 20% darker color. If you saturate the color by 10%, you get **161, 99, 135**, and if you desaturate by 10%, it is **161, 131, 149**.

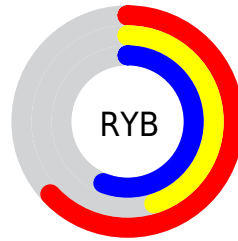
Distribution



Red (63%)

Green (45%)

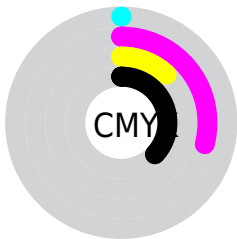
Blue (56%)



Red (63%)

Yellow (45%)

Blue (56%)

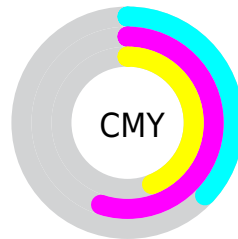


Cyan (0%)

Magenta (29%)

Yellow (12%)

Black (37%)



Cyan (37%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 115, 142 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, 115, 142 by changing the saturation by 10% instead.

 161, 115, 142

255, 255, 255

 216, 167, 196

 245, 195, 224

 255, 223, 252

 255, 251, 255

 161, 115, 142

 134, 90, 116


 109, 66, 92


 84, 43, 68


 60, 21, 46


 38, 0, 26

 0, 0, 0

 161, 115, 142

 161, 99, 135

 161, 83, 129

 161, 115, 142

 161, 131, 149

 161, 147, 155

■ 161, 67, 122

■ 161, 162, 163

■ 161, 51, 115

■ 161, 173, 179

■ 161, 35, 109

■ 161, 186, 196

■ 161, 18, 102

■ 161, 197, 212

■ 161, 2, 95

■ 161, 208, 228

■ 161, 0, 95

■ 161, 220, 244

■ 161, 226, 255

Harmonies

Analogous

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



141, 121, 159



161, 115, 142



169, 113, 121

Triad

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



161, 115, 142



94, 135, 88



65, 105, 155

Complementary

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



161, 115, 142



115, 148, 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.



69, 106, 140



161, 115, 142



98, 135, 121

Square

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



161, 115, 142



150, 154, 90



89, 122, 139



84, 115, 167

Rectangle

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



161, 115, 142



169, 116, 108



89, 122, 139



64, 104, 149

Sweetspot

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



161, 115, 142



209, 190, 201



133, 115, 161



105, 93, 100



232, 232, 232



105, 105, 105

Same Dimension

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



161, 115, 142



209, 138, 180



161, 115, 120



82, 73, 78



145, 0, 85



18, 0, 10

Inverse Universe

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



161, 115, 142



209, 138, 180



115, 139, 161



82, 73, 78



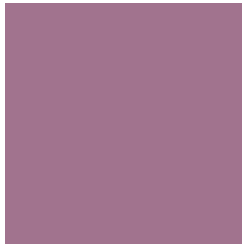
145, 0, 85



18, 0, 10

Previews

White Background



This preview shows how the RYB color 161, 115, 142 looks on a white background.

Color Contrast Check

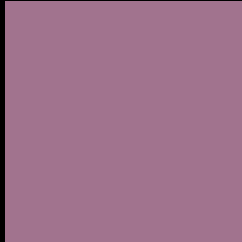
Large Text (above 18pt) WCAG AA ✓ Pass

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, 115, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

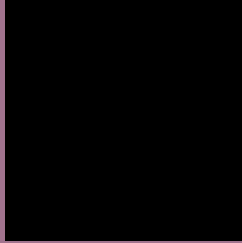
Any Text WCAG AA ✓ Pass

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, 115, 142 Background



This preview shows how black text looks on a background with the RYB color 161, 115, 142.



This preview shows how white text looks on a background with the RYB color 161, 115, 142.

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, 115, 142

Protanopia
125, 128, 150

Deuteranopia
136, 125, 140



Tritanopia
159, 118, 127

Trichromacy



Original Color
161, 115, 142

Protanomaly
138, 123, 147

Deuteranomaly
145, 121, 141

Tritanomaly
160, 117, 132

Monochromacy



Original Color
161, 115, 142

Achromatopsia
132, 132, 132

Achromatomaly
143, 126, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 115, 142 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, 115, 142) looks like.

```
.text, #text, p{  
    color:rgb(161, 115, 142)  
}
```

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, 115, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 115, 142) }
```

Border

The CSS property to change the border of an element to RYB 161, 115, 142 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, 115, 142) }
```

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

```
.border{ border-color:rgb(161, 115, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 115, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 115, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 115, 142);  
box-shadow:4px 4px 4px 4px rgb(161, 115,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 161, 115, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 115, 142) }
```

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

```
.background{ background-color: rgb(161,  
115, 142) }
```

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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