

Converting Colors

`RYB(137, 95, 152)`

Have a look what the booklet for
RYB(137, 95, 152) contains.

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Color

R_YB(137, 95, 152)

Conversions

Conversions Part 1

Format	Color
Hex	895F98
RGB	137, 95, 152
RGB Percent	54%, 37%, 60%
CMY	0.4627, 0.6275, 0.4039
CMYK	0.10, 0.38, 0.00, 0.40
HSL	284°, 23%, 48%
HSV	284°, 38%, 60%
XYZ	20.0762, 15.7698, 31.6915
YIQ	114.0560, 6.7350, 26.6310

Conversions

Conversions Part 2

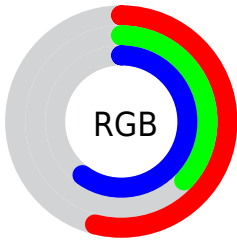
Format	Color
R_{YB}	137, 95, 152
Decimal	9002904
CIE _{Lab}	46.67, 27.64, -24.49
CIE _{LCh}	47, 36.928, 318.457
Yxy	15.7698, 0.2973, 0.2335
Android (android.graphics.Color)	4287192984 (0xFF895F98)
YUV	114.0560, 18.7064, 20.1219
Hunter-Lab	39.7112, 20.7472, -19.5185

Details

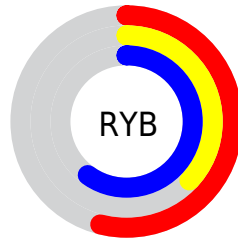
The RYB color **137, 95, 152** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **95, 152, 137**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **191, 146, 206**, and **86, 47, 101** is the 20% darker color. If you saturate the color by 10%, you get **133, 80, 152**, and if you desaturate by 10%, it is **141, 110, 152**.

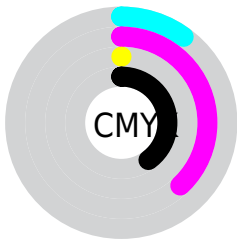
Distribution



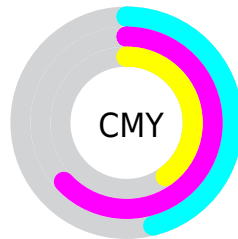
- Red (54%)
- Green (37%)
- Blue (60%)



- Red (54%)
- Yellow (37%)
- Blue (60%)



- Cyan (10%)
- Magenta (38%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 95, 152 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 137, 95, 152 by changing the saturation by 10% instead.

■ 137, 95, 152

255, 255, 255

■ 191, 146, 206

■ 219, 173, 235

■ 248, 201, 255

■ 255, 229, 255

■ 137, 95, 152

■ 133, 80, 152

■ 137, 95, 152

■ 111, 71, 126

■ 86, 47, 101

■ 62, 25, 77

■ 38, 3, 54

■ 12, 0, 32

■ 0, 0, 4

■ 0, 0, 0

■ 137, 95, 152


■ 141, 110, 152

 129, 65, 152

 145, 125, 152


 125, 49, 152


 149, 141, 152


 121, 34, 152


 152, 156, 155

 117, 19, 152

 152, 171, 166

 113, 4, 152

 152, 186, 177

 112, 0, 152

 152, 201, 188

 152, 217, 200

 152, 232, 211

Harmonies

Analogous

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



93, 105, 169



137, 95, 152



162, 86, 124

Triad

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



137, 95, 152



104, 139, 49



0, 64, 129

Complementary

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



137, 95, 152



95, 152, 137

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.



13, 78, 126



137, 95, 152



49, 115, 54

Square

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



137, 95, 152



160, 105, 65



68, 122, 116



0, 69, 156

Rectangle

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



137, 95, 152



169, 84, 103



68, 122, 116



0, 65, 126

Sweetspot

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



137, 95, 152



191, 175, 196



95, 107, 152



96, 87, 99



227, 227, 227



99, 99, 99

Same Dimension

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



137, 95, 152



173, 108, 196



152, 95, 139



74, 69, 77



103, 0, 140



9, 0, 13

Inverse Universe

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



152, 95, 110



196, 108, 131



95, 141, 152



77, 69, 71



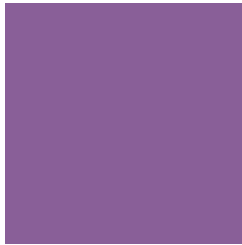
140, 0, 37



13, 0, 3

Previews

White Background



This preview shows how the RYB color 137, 95, 152 looks on a white background.

Color Contrast Check

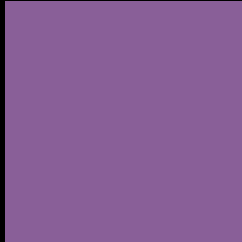
Large Text (above 18pt) WCAG AA ✓ Pass

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 137, 95, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

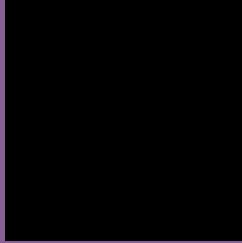
Any Text WCAG AA × Fail

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](#).

RYP 137, 95, 152 Background



This preview shows how black text looks on a background with the RYB color 137, 95, 152.

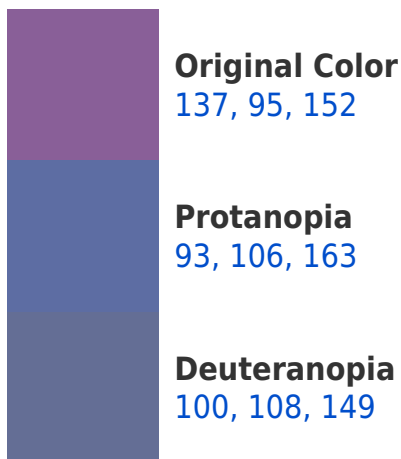



This preview shows how white text looks on a background with the RYB color 137, 95, 152.

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





Tritanopia
131, 103, 111

Trichromacy



Original Color

137, 95, 152

Protanomaly

109, 104, 159

Deuteranomaly

113, 104, 150

Tritanomaly

133, 100, 126

Monochromacy



Original Color

137, 95, 152

Achromatopsia

114, 114, 114

Achromatomaly

122, 107, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 95, 152 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(137, 95, 152)` looks like.

```
.text, #text, p{  
    color:rgb(137, 95, 152)  
}
```

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(137, 95, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 95, 152) }
```

Border

The CSS property to change the border of an element to RYB 137, 95, 152 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(137, 95, 152) }
```

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

```
.border{ border-color:rgb(137, 95, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 95, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 95, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 95, 152);  
box-shadow:4px 4px 4px 4px rgb(137, 95,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 137, 95, 152 is called "background".

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

```
.background, #background, body{  
background: rgb(137, 95, 152) }
```

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

```
.background{ background-color: rgb(137, 95,  
152) }
```

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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