

Converting Colors

`RYB(137, 105, 152)`

Have a look what the booklet for
RYB(137, 105, 152) contains.

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Color

R_YB(137, 105, 152)

Conversions

Conversions Part 1

Format	Color
Hex	896998
RGB	137, 105, 152
RGB Percent	54%, 41%, 60%
CMY	0.4627, 0.5882, 0.4039
CMYK	0.10, 0.31, 0.00, 0.40
HSL	281°, 19%, 50%
HSV	281°, 31%, 60%
XYZ	21.0356, 17.6885, 32.0113
YIQ	119.9260, 3.9850, 21.4010

Conversions

Conversions Part 2

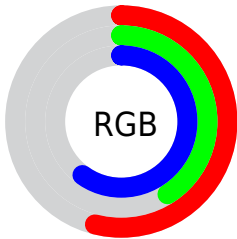
Format	Color
R_{YB}	137, 105, 152
Decimal	9005464
CIE _{Lab}	49.12, 21.77, -20.72
CIE _{LCh}	49, 30.052, 316.417
Yxy	17.6885, 0.2974, 0.2501
Android (android.graphics.Color)	4287195544 (0xFF896998)
YUV	119.9260, 15.8125, 14.9739
Hunter-Lab	42.0577, 15.6776, -15.6869

Details

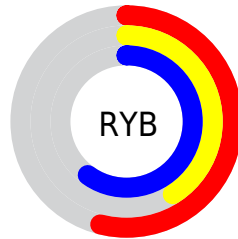
The RYB color **137, 105, 152** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **105, 152, 137**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **191, 157, 206**, and **86, 57, 101** is the 20% darker color. If you saturate the color by 10%, you get **132, 90, 152**, and if you desaturate by 10%, it is **142, 120, 152**.

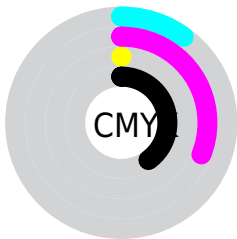
Distribution



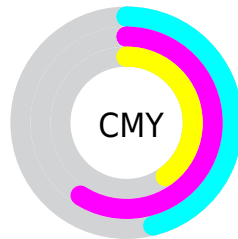
- Red (54%)
- Green (41%)
- Blue (60%)



- Red (54%)
- Yellow (41%)
- Blue (60%)



- Cyan (10%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (59%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RYB color 137, 105, 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, 105, 152 by changing the saturation by 10% instead.

 137, 105, 152

255, 255, 255


 191, 157, 206

 219, 184, 235

 248, 211, 255

 255, 240, 255


 137, 105, 152

 111, 81, 126

 86, 57, 101


 62, 35, 77

 40, 14, 54

 21, 0, 33


 0, 0, 5

 0, 0, 0

 137, 105, 152

 132, 90, 152

 137, 105, 152

 142, 120, 152

127, 75, 152

147, 135, 152

122, 59, 152

152, 151, 152

118, 44, 152

152, 166, 162

113, 29, 152

152, 181, 172

108, 14, 152

152, 196, 182

103, 0, 152

152, 211, 192

152, 227, 203

152, 242, 213

Harmonies

Analogous

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



102, 112, 165



137, 105, 152



159, 98, 129

Triad

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



137, 105, 152



122, 143, 67



7, 69, 130

Complementary

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



137, 105, 152



105, 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.



57, 101, 129



137, 105, 152



67, 120, 68

Square

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



137, 105, 152



160, 111, 81



81, 126, 116



0, 70, 153

Rectangle

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



137, 105, 152



165, 97, 112



81, 126, 116



28, 81, 130

Sweetspot

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



137, 105, 152



191, 179, 196



105, 117, 152



96, 89, 99



227, 227, 227



99, 99, 99

Same Dimension

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



137, 105, 152



173, 124, 196



152, 105, 144



74, 69, 77



95, 0, 140



9, 0, 13

Inverse Universe

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



152, 105, 120



196, 124, 147



105, 145, 152



77, 69, 71



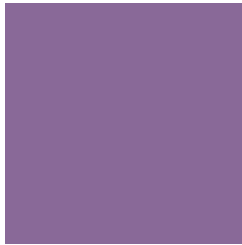
140, 0, 45



13, 0, 4

Previews

White Background



This preview shows how the RYB color 137, 105, 152 looks on a white background.

Color Contrast Check

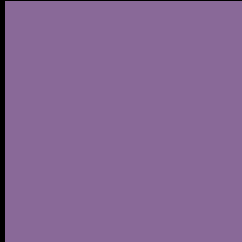
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

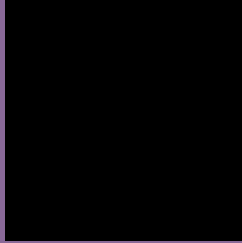
Any Text WCAG AA ✓ Pass

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 137, 105, 152 Background



This preview shows how black text looks on a background with the RYB color 137, 105, 152.



This preview shows how white text looks on a background with the RYB color 137, 105, 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



Original Color
137, 105, 152

Protanopia
104, 113, 160

Deuteranopia
111, 115, 150



Tritanopia
132, 111, 120

Trichromacy



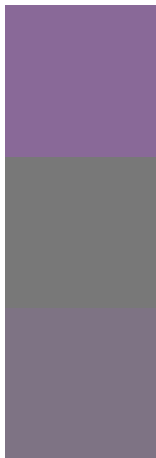
Original Color
137, 105, 152

Protanomaly
116, 111, 157

Deuteranomaly
120, 111, 151

Tritanomaly
134, 109, 132

Monochromacy



Original Color
137, 105, 152

Achromatopsia
120, 120, 120

Achromatomaly
126, 115, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 105, 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, 105, 152) looks like.

```
.text, #text, p{  
    color:rgb(137, 105, 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, 105, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 105, 152) }
```

Border

The CSS property to change the border of an element to RYB 137, 105, 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, 105, 152) }
```

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

```
.border{ border-color:rgb(137, 105, 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, 105, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 105, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 105, 152);  
box-shadow:4px 4px 4px 4px rgb(137, 105,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 137, 105, 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, 105, 152) }
```

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

```
.background{ background-color: rgb(137,  
105, 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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