

Converting Colors

`RYB(144, 83, 112)`

Have a look what the booklet for
RYB(144, 83, 112) contains.

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Color

`RYB(144, 83, 112)`

Conversions

Conversions Part 1

Format	Color
Hex	905370
RGB	144, 83, 112
RGB Percent	56%, 33%, 44%
CMY	0.4353, 0.6745, 0.5608
CMYK	0.00, 0.42, 0.22, 0.44
HSL	331°, 27%, 45%
HSV	331°, 42%, 56%
XYZ	17.5195, 13.2857, 16.9702
YIQ	104.5450, 27.0470, 21.9510

Conversions

Conversions Part 2

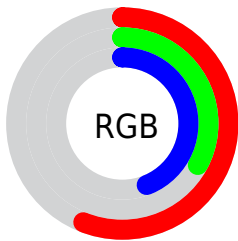
Format	Color
R_{YB}	144, 83, 112
Decimal	9458544
CIE _{Lab}	43.19, 29.42, -5.58
CIE _{LCh}	43, 29.946, 349.263
Yxy	13.2857, 0.3667, 0.2781
Android (android.graphics.Color)	4287648624 (0xFF905370)
YUV	104.5450, 3.6753, 34.6020
Hunter-Lab	36.4495, 22.0096, -2.0897




Details

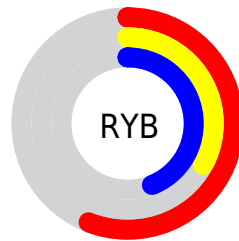
The RYB color **144, 83, 112** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **83, 123, 144**, and the grayscale version is **104, 104, 104**.




A 20% lighter version of the original color is **199, 134, 164**, and **92, 35, 64** is the 20% darker color. If you saturate the color by 10%, you get **144, 69, 104**, and if you desaturate by 10%, it is **144, 97, 120**.

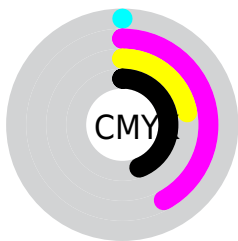
Distribution







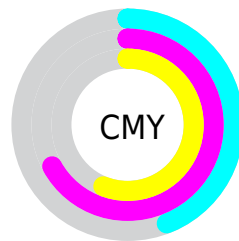
-  Red (56%)
-  Green (33%)
-  Blue (44%)






-  Red (56%)
-  Yellow (33%)
-  Blue (44%)



-  Cyan (0%)
-  Magenta (42%)
-  Yellow (22%)
-  Black (44%)



-  Cyan (44%)
-  Magenta (67%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 83, 112 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 144, 83, 112 by changing the saturation by 10% instead.

 144, 83, 112  144, 83, 112

255, 255, 255  117, 59, 88

 199, 134, 164  92, 35, 64


 228, 160, 191  67, 11, 42

 255, 188, 219  44, 0, 22

 255, 216, 247  0, 0, 0

 255, 244, 255

 144, 83, 112  144, 83, 112

 144, 69, 104  144, 97, 120

 144, 54, 97  144, 112, 127

144, 40, 89

144, 126, 135

144, 25, 82

144, 141, 142

144, 11, 74

144, 151, 155

144, 0, 68

144, 160, 169

144, 170, 184

144, 180, 198

144, 189, 213

Harmonies

Analogous

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



124, 90, 135



144, 83, 112



150, 83, 87

Triad

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



144, 83, 112



54, 106, 58



0, 62, 139

Complementary

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



144, 83, 112



83, 123, 144

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, 58, 118



144, 83, 112



69, 111, 107

Square

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



144, 83, 112



99, 125, 53



37, 82, 114



43, 83, 150

Rectangle

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



144, 83, 112



146, 89, 72



37, 82, 114



0, 61, 133

Sweetspot

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



144, 83, 112



186, 162, 173



115, 83, 144



94, 79, 86



222, 222, 222



94, 94, 94

Same Dimension

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



144, 83, 112



186, 91, 136



144, 84, 83



71, 64, 68



135, 0, 64



8, 0, 4

Inverse Universe

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



144, 83, 112



186, 91, 136



83, 113, 144



71, 64, 68



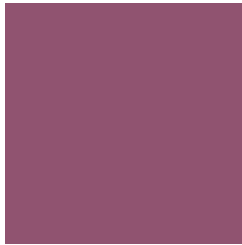
135, 0, 64



8, 0, 4

Previews

White Background



This preview shows how the RYB color 144, 83, 112 looks on a white background.

Color Contrast Check

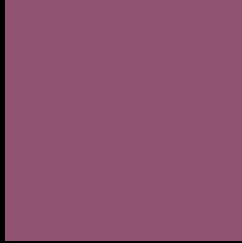
Large Text (above 18pt) WCAG AA ✓ Pass

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 144, 83, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

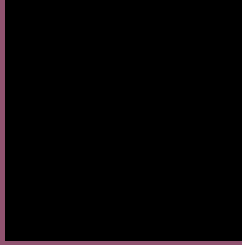
Any Text WCAG AA × Fail

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](#).

RYB 144, 83, 112 Background



This preview shows how black text looks on a background with the RYB color 144, 83, 112.



This preview shows how white text looks on a background with the RYB color 144, 83, 112.

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

144, 83, 112

Protanopia

98, 101, 124

Deuteranopia

109, 99, 109



Tritanopia
142, 87, 93

Trichromacy



Original Color

144, 83, 112

Protanomaly

115, 95, 120

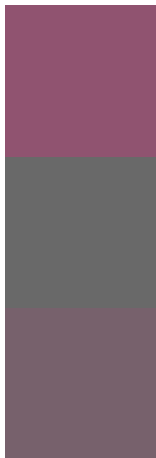
Deuteranomaly

122, 93, 110

Tritanomaly

143, 86, 100

Monochromacy



Original Color

144, 83, 112

Achromatopsia

105, 105, 105

Achromatomaly

119, 97, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 83, 112 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(144, 83, 112)` looks like.

```
.text, #text, p{  
    color:rgb(144, 83, 112)  
}
```

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(144, 83, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 83, 112) }
```

Border

The CSS property to change the border of an element to RYB 144, 83, 112 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(144, 83, 112) }
```

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

```
.border{ border-color:rgb(144, 83, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 83, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 83, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 83, 112);  
box-shadow:4px 4px 4px 4px rgb(144, 83,  
112) }
```

Background

The CSS property to change the background color of an element to RYB 144, 83, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 83, 112) }
```

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

```
.background{ background-color: rgb(144, 83,  
112) }
```

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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