

Converting Colors

`RYB(143, 88, 163)`

Have a look what the booklet for
RYB(143, 88, 163) contains.

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Color

R_YB(143, 88, 163)

Conversions

Conversions Part 1

Format	Color
Hex	8F58A3
RGB	143, 88, 163
RGB Percent	56%, 35%, 64%
CMY	0.4392, 0.6549, 0.3608
CMYK	0.12, 0.46, 0.00, 0.36
HSL	284°, 30%, 49%
HSV	284°, 46%, 64%
XYZ	21.4283, 15.4634, 36.5057
YIQ	112.9950, 8.7050, 34.9850

Conversions

Conversions Part 2

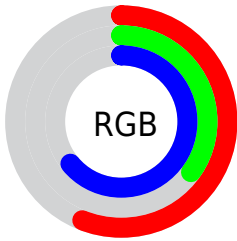
Format	Color
R_{YB}	143, 88, 163
Decimal	9394339
CIE _{Lab}	46.26, 35.94, -31.59
CIE _{LCh}	46, 47.851, 318.684
Yxy	15.4634, 0.2919, 0.2107
Android (android.graphics.Color)	4287584419 (0xFF8F58A3)
YUV	112.9950, 24.6525, 26.3144
Hunter-Lab	39.3236, 28.4523, -27.5148

Details

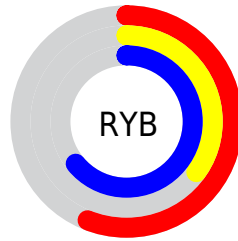
The RYB color **143, 88, 163** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **88, 163, 143**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **198, 139, 218**, and **91, 39, 111** is the 20% darker color. If you saturate the color by 10%, you get **139, 72, 163**, and if you desaturate by 10%, it is **147, 104, 163**.

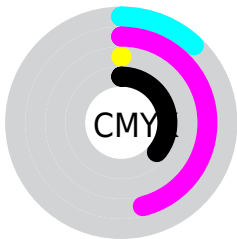
Distribution



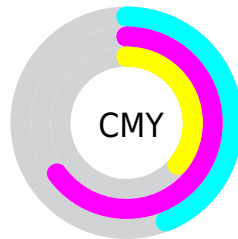
- Red (56%)
- Green (35%)
- Blue (64%)



- Red (56%)
- Yellow (35%)
- Blue (64%)



- Cyan (12%)
- Magenta (46%)
- Yellow (0%)
- Black (36%)




- Cyan (44%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 88, 163 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 143, 88, 163 by changing the saturation by 10% instead.

 143, 88, 163

255, 255, 255


 198, 139, 218

 227, 166, 247


 255, 194, 255


 255, 222, 255


 255, 251, 255

 143, 88, 163

 116, 63, 137

 91, 39, 111

 66, 15, 86

 41, 0, 62

 17, 0, 40


 0, 1, 18

 0, 0, 0

 143, 88, 163


 139, 72, 163


 143, 88, 163

 147, 104, 163


 134, 55, 163


 152, 121, 163

 130, 39, 163

 156, 137, 163

 126, 23, 163

 160, 153, 163

 121, 7, 163

 163, 170, 168

 120, 0, 163

 163, 186, 180

 163, 202, 192

 163, 218, 203

 163, 235, 216

Harmonies

Analogous

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



82, 101, 186



143, 88, 163



175, 74, 127

Triad

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



143, 88, 163



87, 143, 24



0, 66, 134

Complementary

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



143, 88, 163



88, 163, 143

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, 74, 128



143, 88, 163



25, 115, 34

Square

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



143, 88, 163



170, 101, 50



54, 124, 120



0, 72, 169

Rectangle

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



143, 88, 163



182, 72, 100



54, 124, 120



0, 67, 129

Sweetspot

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



143, 88, 163



204, 182, 212



88, 104, 163



102, 89, 107



235, 235, 235



107, 107, 107

Same Dimension

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



143, 88, 163



181, 95, 212



163, 88, 146



79, 73, 82



107, 0, 145



13, 0, 18

Inverse Universe

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



163, 88, 108



212, 95, 126



88, 148, 163



82, 73, 76



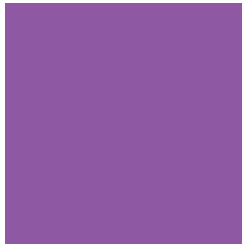
145, 0, 39



18, 0, 5

Previews

White Background



This preview shows how the RYB color 143, 88, 163 looks on a white background.

Color Contrast Check

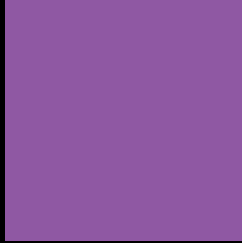
Large Text (above 18pt) WCAG AA ✓ Pass

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 143, 88, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

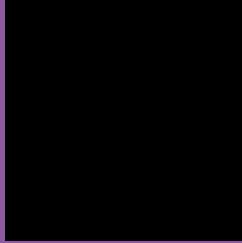
Any Text WCAG AA × Fail

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](#).

R Y B 143, 88, 163 Background



This preview shows how black text looks on a background with the RYB color 143, 88, 163.

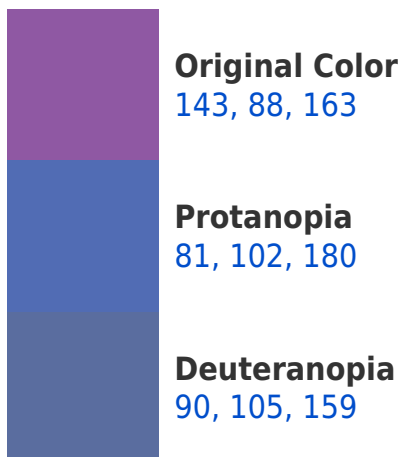



This preview shows how white text looks on a background with the RYB color 143, 88, 163.

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
135, 101, 108

Trichromacy



Original Color
143, 88, 163

Protanomaly
104, 101, 174

Deuteranomaly
109, 101, 160

Tritanomaly
138, 96, 128

Monochromacy



Original Color
143, 88, 163

Achromatopsia
113, 113, 113

Achromatomaly
124, 104, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 88, 163 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(143, 88, 163)` looks like.

```
.text, #text, p{  
    color:rgb(143, 88, 163)  
}
```

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(143, 88, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 88, 163) }
```

Border

The CSS property to change the border of an element to RYB 143, 88, 163 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(143, 88, 163) }
```

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

```
.border{ border-color:rgb(143, 88, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 88, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 88, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 88, 163);  
box-shadow:4px 4px 4px 4px rgb(143, 88,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 143, 88, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 88, 163) }
```

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

```
.background{ background-color: rgb(143, 88,  
163) }
```

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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