

Converting Colors

R_YB(147, 106, 134)

Have a look what the booklet for
RYB(147, 106, 134) contains.

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Color

R_YB(147, 106, 134)

Conversions

Conversions Part 1

Format	Color
Hex	936A86
RGB	147, 106, 134
RGB Percent	58%, 42%, 53%
CMY	0.4235, 0.5843, 0.4745
CMYK	0.00, 0.28, 0.09, 0.42
HSL	319°, 16%, 50%
HSV	319°, 28%, 58%
XYZ	21.4897, 18.2323, 24.9408
YIQ	121.4510, 15.4480, 17.4000

Conversions

Conversions Part 2

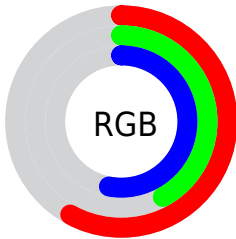
Format	Color
R_{YB}	147, 106, 134
Decimal	9661062
CIE Lab	49.78, 21.08, -8.96
CIE LCh	50, 22.909, 336.967
Yxy	18.2323, 0.3323, 0.2820
Android (android.graphics.Color)	4287851142 (0xFF936A86)
YUV	121.4510, 6.1867, 22.4065
Hunter-Lab	42.6993, 15.1116, -4.7419

Details

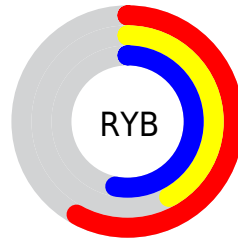
The RYB color **147, 106, 134** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **106, 137, 147**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **202, 158, 187**, and **96, 58, 84** is the 20% darker color. If you saturate the color by 10%, you get **147, 91, 129**, and if you desaturate by 10%, it is **147, 121, 139**.

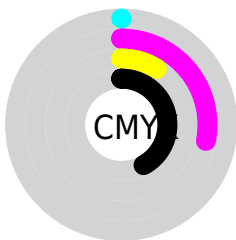
Distribution



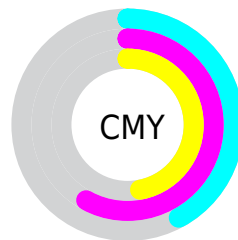
- Red (58%)
- Green (42%)
- Blue (53%)



- Red (58%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (28%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 106, 134 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 147, 106, 134 by changing the saturation by 10% instead.

■ 147, 106, 134

255, 255, 255

■ 202, 158, 187

■ 230, 185, 215

■ 255, 213, 243

■ 255, 241, 255

■ 147, 106, 134

■ 147, 91, 129

■ 147, 77, 125

■ 147, 106, 134

■ 121, 82, 109

■ 96, 58, 84

■ 71, 36, 61

■ 48, 14, 39

■ 30, 0, 19

■ 0, 0, 0

■ 147, 106, 134

■ 147, 121, 139

■ 147, 135, 143

■ 147, 62, 120

■ 147, 149, 150

■ 147, 47, 115

■ 147, 161, 165

■ 147, 33, 111

■ 147, 172, 180

■ 147, 18, 106

■ 147, 183, 194

■ 147, 3, 101

■ 147, 194, 209

■ 147, 0, 100

■ 147, 206, 224

■ 147, 216, 238

Harmonies

Analogous

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



127, 112, 149



147, 106, 134



157, 104, 114

Triad

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



147, 106, 134



91, 128, 80



56, 95, 141

Complementary

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



147, 106, 134



106, 137, 147

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.



63, 98, 129



147, 106, 134



87, 124, 105

Square

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



147, 106, 134



145, 137, 83



84, 115, 128



72, 104, 154

Rectangle

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



147, 106, 134



157, 105, 102



84, 115, 128



56, 94, 135

Sweetspot

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



147, 106, 134



191, 176, 186



119, 106, 147



97, 87, 94



224, 224, 224



97, 97, 97

Same Dimension

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



147, 106, 134



191, 128, 171



147, 106, 114



74, 67, 72



138, 0, 94



10, 0, 7

Inverse Universe

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



147, 106, 134



191, 128, 171



106, 129, 147



74, 67, 72



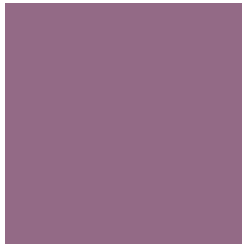
138, 0, 94



10, 0, 7

Previews

White Background



This preview shows how the RYB color 147, 106, 134 looks on a white background.

Color Contrast Check

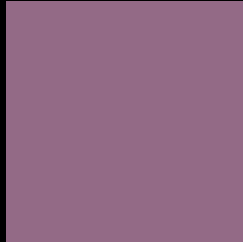
Large Text (above 18pt) WCAG AA ✓ Pass

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 147, 106, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

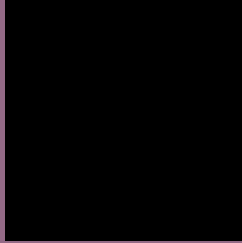
Any Text WCAG AA ✓ Pass

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 147, 106, 134 Background



This preview shows how black text looks on a background with the RYB color 147, 106, 134.



This preview shows how white text looks on a background with the RYB color 147, 106, 134.

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


147, 106, 134

Protanopia

114, 118, 142

Deuteranopia

124, 115, 132



Tritanopia
145, 109, 117

Trichromacy



Original Color
147, 106, 134

Protanomaly
126, 114, 139

Deuteranomaly
132, 112, 133

Tritanomaly
146, 108, 123

Monochromacy



Original Color
147, 106, 134

Achromatopsia
121, 121, 121

Achromatomaly
130, 116, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 106, 134 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(147, 106, 134) looks like.

```
.text, #text, p{  
    color:rgb(147, 106, 134)  
}
```

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(147, 106, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 106, 134) }
```

Border

The CSS property to change the border of an element to RYB 147, 106, 134 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(147, 106, 134) }
```

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

```
.border{ border-color:rgb(147, 106, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 106, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 106, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 106, 134);  
box-shadow:4px 4px 4px 4px rgb(147, 106,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 147, 106, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 106, 134) }
```

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

```
.background{ background-color: rgb(147,  
106, 134) }
```

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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