

Converting Colors

`RYB(146, 107, 123)`

Have a look what the booklet for
RYB(146, 107, 123) contains.

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Color

R_YB(146, 107, 123)

Conversions

Conversions Part 1

Format	Color
Hex	926B7B
RGB	146, 107, 123
RGB Percent	57%, 42%, 48%
CMY	0.4275, 0.5804, 0.5176
CMYK	0.00, 0.27, 0.16, 0.43
HSL	335°, 15%, 50%
HSV	335°, 27%, 57%
XYZ	20.6869, 18.0564, 21.1338
YIQ	120.4850, 18.1080, 13.2440

Conversions

Conversions Part 2

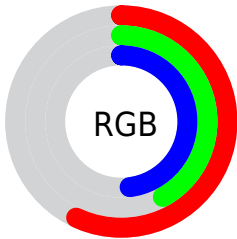
Format	Color
R_{YB}	146, 107, 123
Decimal	9595771
CIE _{Lab}	49.56, 18.16, -2.76
CIE _{LCh}	50, 18.364, 351.368
Yxy	18.0564, 0.3455, 0.3016
Android (android.graphics.Color)	4287785851 (0xFF926B7B)
YUV	120.4850, 1.2399, 22.3767
Hunter-Lab	42.4929, 12.5371, 0.2572

Details

The RYB color **146, 107, 123** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107, 132, 146**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **200, 159, 175**, and **95, 59, 74** is the 20% darker color. If you saturate the color by 10%, you get **146, 92, 114**, and if you desaturate by 10%, it is **146, 122, 132**.

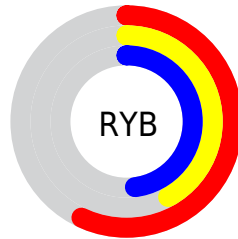
Distribution



Red (57%)

Green (42%)

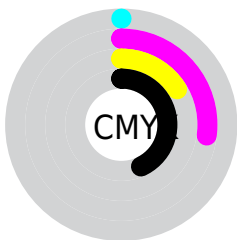
Blue (48%)



Red (57%)

Yellow (42%)

Blue (48%)

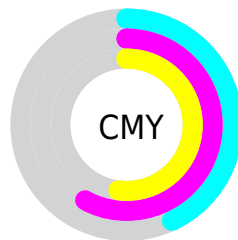


Cyan (0%)

Magenta (27%)

Yellow (16%)

Black (43%)



Cyan (43%)

Magenta (58%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the RYB color 146, 107, 123 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 146, 107, 123 by changing the saturation by 10% instead.

 146, 107, 123


255, 255, 255


 200, 159, 175

 229, 186, 203


 255, 213, 231

 255, 242, 255

 146, 107, 123

 120, 83, 98

 95, 59, 74

 70, 37, 52

 47, 16, 31

 29, 0, 6

 0, 0, 0

 146, 107, 123

 146, 92, 114

 146, 78, 106

 146, 107, 123

 146, 122, 132

 146, 136, 140

■ 146, 63, 97

■ 146, 149, 151

■ 146, 49, 89

■ 146, 158, 165

■ 146, 34, 80

■ 146, 167, 180

■ 146, 19, 71

■ 146, 177, 195

■ 146, 5, 63

■ 146, 186, 209

■ 146, 0, 60

■ 146, 195, 224

■ 146, 204, 238

Harmonies

Analogous

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



134, 110, 137



146, 107, 123



150, 107, 107

Triad

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



146, 107, 123



89, 120, 91



77, 105, 142

Complementary

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



146, 107, 123



107, 132, 146

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.



73, 100, 129



146, 107, 123



98, 124, 122

Square

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



146, 107, 123



119, 134, 87



83, 108, 126



93, 112, 148

Rectangle

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



146, 107, 123



148, 112, 98



83, 108, 126



74, 102, 138

Sweetspot

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



146, 107, 123



189, 174, 180



130, 107, 146



94, 85, 89



222, 222, 222



94, 94, 94

Same Dimension

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



146, 107, 123



189, 128, 153



146, 110, 107



74, 67, 70



138, 0, 56



10, 0, 4

Inverse Universe

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



146, 107, 123



189, 128, 153



107, 126, 146



74, 67, 70



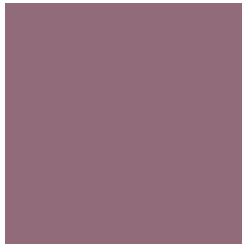
138, 0, 56



10, 0, 4

Previews

White Background



This preview shows how the RYB color 146, 107, 123 looks on a white background.

Color Contrast Check

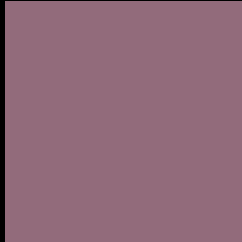
Large Text (above 18pt) WCAG AA ✓ Pass

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 146, 107, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

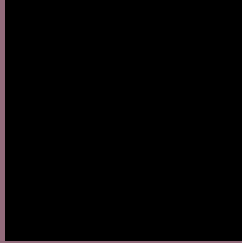
Any Text WCAG AA ✓ Pass

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 146, 107, 123 Background



This preview shows how black text looks on a background with the RYB color 146, 107, 123.



This preview shows how white text looks on a background with the RYB color 146, 107, 123.

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


146, 107, 123

Protanopia

117, 117, 129

Deuteranopia

128, 114, 122



Tritanopia
145, 108, 116

Trichromacy



Original Color

146, 107, 123

Protanomaly

128, 113, 127

Deuteranomaly

135, 111, 122

Tritanomaly

145, 108, 119

Monochromacy



Original Color

146, 107, 123

Achromatopsia

120, 120, 120

Achromatomaly

129, 115, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 107, 123 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(146, 107, 123)` looks like.

```
.text, #text, p{  
    color:rgb(146, 107, 123)  
}
```

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(146, 107, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 107, 123) }
```

Border

The CSS property to change the border of an element to RYB 146, 107, 123 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(146, 107, 123) }
```

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

```
.border{ border-color:rgb(146, 107, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 107, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 107, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 107, 123);  
box-shadow:4px 4px 4px 4px rgb(146, 107,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 146, 107, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 107, 123) }
```

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

```
.background{ background-color: rgb(146,  
107, 123) }
```

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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