

Converting Colors

`RYB(146, 103, 101)`

Have a look what the booklet for
RYB(146, 103, 101) contains.

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Color

R_YB(146, 103, 101)

Conversions

Conversions Part 1

Format	Color
Hex	926765
RGB	146, 103, 101
RGB Percent	57%, 40%, 40%
CMY	0.4275, 0.5964, 0.6039
CMYK	0.00, 0.30, 0.31, 0.43
HSL	3°, 18%, 48%
HSV	3°, 31%, 57%
XYZ	19.0448, 16.7342, 14.5382
YIQ	115.6290, 26.2700, 8.4940

Conversions

Conversions Part 2

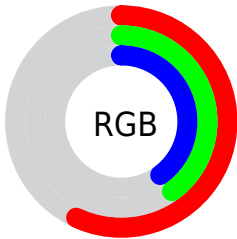
Format	Color
R_{YB}	146, 103, 101
Decimal	9594725
CIE _{Lab}	47.92, 17.05, 7.99
CIE _{LCh}	48, 18.831, 25.107
Yxy	16.7342, 0.3785, 0.3326
Android (android.graphics.Color)	4287784805 (0xFF926765)
YUV	115.6290, -7.2121, 26.6354
Hunter-Lab	40.9074, 11.5144, 7.5640

Details

The RYB color **146, 103, 101** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **101, 123, 146**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **201, 154, 152**, and **94, 56, 54** is the 20% darker color. If you saturate the color by 10%, you get **146, 89, 86**, and if you desaturate by 10%, it is **146, 117, 116**.

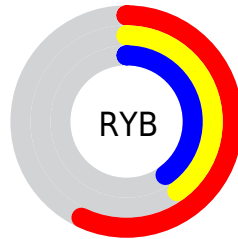
Distribution



Red (57%)

Green (40%)

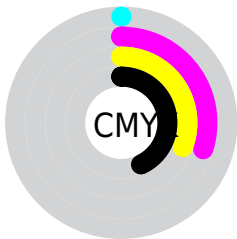
Blue (40%)



Red (57%)

Yellow (40%)

Blue (40%)

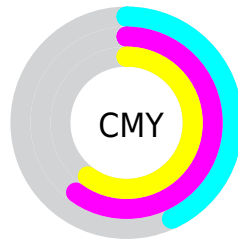


Cyan (0%)

Magenta (30%)

Yellow (31%)

Black (43%)



Cyan (43%)

Magenta (60%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 103, 101 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, 103, 101 by changing the saturation by 10% instead.

 146, 103, 101

 146, 103, 101

255, 255, 255

 120, 79, 77

 201, 154, 152

 94, 55, 54

 229, 181, 179

 69, 33, 33

 255, 209, 206

 46, 12, 10

 255, 238, 234


 19, 0, 0

 0, 0, 0


 146, 103, 101

 146, 103, 101

 146, 89, 86

 146, 117, 116


 146, 75, 72

 146, 131, 130


 146, 61, 57

 146, 145, 145


 146, 47, 43

 146, 153, 159


 146, 33, 28

 146, 160, 174

 146, 19, 13

 146, 167, 189

 146, 6, 0

 146, 174, 203

 146, 181, 218

 146, 188, 232

Harmonies

Analogous

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



143, 102, 117



146, 103, 101



140, 118, 88

Triad

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



146, 103, 101



93, 119, 121



91, 108, 145

Complementary

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



146, 103, 101



101, 123, 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.



72, 100, 139



146, 103, 101



76, 103, 123

Square

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



146, 103, 101



85, 117, 91



67, 96, 127



113, 111, 142

Rectangle

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



146, 103, 101



126, 133, 83



67, 96, 127



84, 106, 144

Sweetspot

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



146, 103, 101



189, 172, 172



146, 101, 145



94, 84, 84



222, 222, 222



94, 94, 94

Same Dimension

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



146, 103, 101



189, 122, 119



140, 146, 101



74, 67, 67



138, 6, 0



10, 0, 0

Inverse Universe

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



101, 123, 146



119, 153, 189



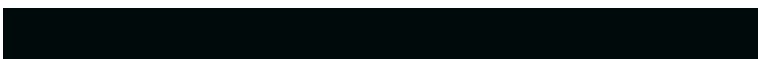
101, 115, 146



67, 71, 74



0, 67, 138



0, 5, 10

Previews

White Background



This preview shows how the RYB color 146, 103, 101 looks on a white background.

Color Contrast Check

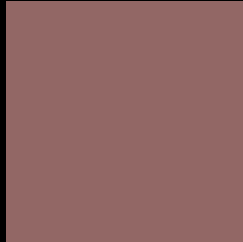
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

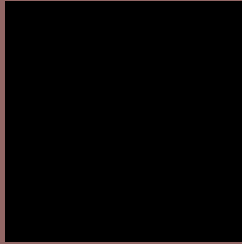
Any Text WCAG AA × Fail

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 146, 103, 101 Background



This preview shows how black text looks on a background with the RYB color 146, 103, 101.



This preview shows how white text looks on a background with the RYB color 146, 103, 101.

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, 103, 101

Protanopia

113, 118, 107

Deuteranopia

130, 115, 100



Tritanopia
147, 102, 109

Trichromacy



Original Color

146, 103, 101

Protanomaly

128, 111, 105

Deuteranomaly

136, 109, 100

Tritanomaly

147, 102, 106

Monochromacy



Original Color

146, 103, 101

Achromatopsia

116, 116, 116

Achromatomaly

127, 111, 111

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 103, 101 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, 103, 101)` looks like.

```
.text, #text, p{  
    color:rgb(146, 103, 101)  
}
```

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, 103, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 103, 101) }
```

Border

The CSS property to change the border of an element to RYB 146, 103, 101 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, 103, 101) }
```

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

```
.border{ border-color:rgb(146, 103, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 103, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 103, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 103, 101);  
box-shadow:4px 4px 4px 4px rgb(146, 103,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 146, 103, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 103, 101) }
```

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

```
.background{ background-color: rgb(146,  
103, 101) }
```

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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