

Converting Colors

`RYB(144, 99, 119)`

Have a look what the booklet for
RYB(144, 99, 119) contains.

RYB(144, 99, 119)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(144, 99, 119)

Conversions

Conversions Part 1

Format	Color
Hex	906377
RGB	144, 99, 119
RGB Percent	56%, 39%, 47%
CMY	0.4353, 0.6118, 0.5333
CMYK	0.00, 0.31, 0.17, 0.44
HSL	333°, 19%, 48%
HSV	333°, 31%, 56%
XYZ	19.2932, 16.1849, 19.5599
YIQ	114.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

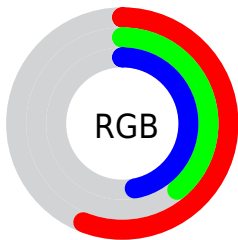
Format	Color
R_{YB}	144, 99, 119
Decimal	9462647
CIE _{Lab}	47.22, 21.37, -3.86
CIE _{LCh}	47, 21.712, 349.770
Yxy	16.1849, 0.3505, 0.2941
Android (android.graphics.Color)	4287652727 (0xFF906377)
YUV	114.7350, 2.1026, 25.6654
Hunter-Lab	40.2304, 15.1995, -0.6653




Details

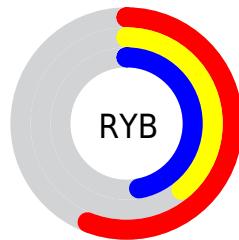
The RYB color **144, 99, 119** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **99, 128, 144**, and the grayscale version is **115, 115, 115**.




A 20% lighter version of the original color is **199, 150, 171**, and **93, 52, 71** is the 20% darker color. If you saturate the color by 10%, you get **144, 85, 111**, and if you desaturate by 10%, it is **144, 113, 127**.

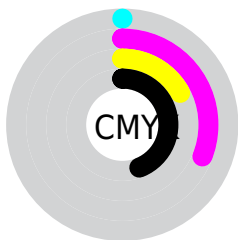
Distribution







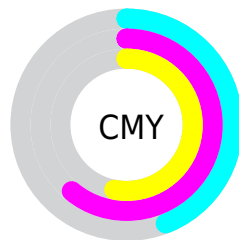
-  Red (56%)
-  Green (39%)
-  Blue (47%)






-  Red (56%)
-  Yellow (39%)
-  Blue (47%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (17%)
-  Black (44%)



-  Cyan (44%)
-  Magenta (61%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 99, 119 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, 99, 119 by changing the saturation by 10% instead.



144, 99, 119



144, 99, 119

255, 255, 255



118, 75, 94



199, 150, 171



93, 52, 71



227, 177, 198



68, 29, 48



255, 205, 226



45, 7, 28



255, 233, 255



21, 0, 0



0, 0, 0



144, 99, 119



144, 99, 119



144, 85, 111



144, 113, 127



144, 70, 103



144, 128, 135

144, 56, 95

144, 142, 143

144, 41, 87

144, 152, 157

144, 27, 79

144, 161, 171

144, 13, 71

144, 170, 185

144, 0, 64

144, 180, 200

144, 189, 214

144, 199, 229

Harmonies

Analogous

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



129, 103, 136



144, 99, 119



149, 99, 100

Triad

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



144, 99, 119



77, 115, 80



58, 93, 139

Complementary

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



144, 99, 119



99, 128, 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.



56, 89, 124



144, 99, 119



88, 119, 115

Square

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



144, 99, 119



113, 131, 76



71, 102, 122



79, 103, 147

Rectangle

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



144, 99, 119



146, 104, 89



71, 102, 122



55, 91, 135

Sweetspot

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



144, 99, 119



186, 169, 177



124, 99, 144



94, 84, 89



222, 222, 222



94, 94, 94

Same Dimension

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



144, 99, 119



186, 115, 147



144, 101, 99



71, 64, 67



135, 0, 60



8, 0, 3

Inverse Universe

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



144, 99, 119



186, 115, 147



99, 121, 144



71, 64, 67



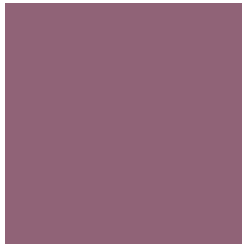
135, 0, 60



8, 0, 3

Previews

White Background



This preview shows how the RYB color 144, 99, 119 looks on a white background.

Color Contrast Check

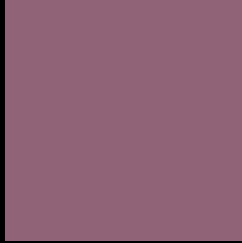
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

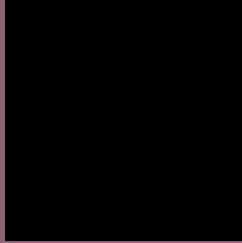
Any Text WCAG AA × Fail

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, 99, 119 Background



This preview shows how black text looks on a background with the RYB color 144, 99, 119.



This preview shows how white text looks on a background with the RYB color 144, 99, 119.

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, 99, 119](#)

Protanopia

[110, 111, 127](#)

Deuteranopia

[121, 109, 117](#)



Tritanopia
143, 101, 109

Trichromacy



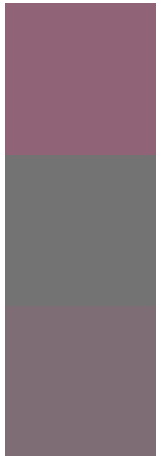
Original Color
144, 99, 119

Protanomaly
122, 107, 124

Deuteranomaly
129, 105, 118

Tritanomaly
143, 100, 113

Monochromacy



Original Color
144, 99, 119

Achromatopsia
115, 115, 115

Achromatomaly
126, 109, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 99, 119 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, 99, 119)` looks like.

```
.text, #text, p{  
    color:rgb(144, 99, 119)  
}
```

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, 99, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 99, 119) }
```

Border

The CSS property to change the border of an element to RYB 144, 99, 119 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, 99, 119) }
```

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

```
.border{ border-color:rgb(144, 99, 119) }
```

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

Here you see how a box with a 4 pixel rgb(144, 99, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 99, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 99, 119);  
box-shadow:4px 4px 4px 4px rgb(144, 99,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 144, 99, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 99, 119) }
```

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

```
.background{ background-color: rgb(144, 99,  
119) }
```

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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