

Converting Colors

`RYB(114, 98, 119)`

Have a look what the booklet for
RYB(114, 98, 119) contains.

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Color

R_YB(114, 98, 119)

Conversions

Conversions Part 1

Format	Color
Hex	726277
RGB	114, 98, 119
RGB Percent	45%, 38%, 47%
CMY	0.5529, 0.6157, 0.5333
CMYK	0.04, 0.18, 0.00, 0.53
HSL	286°, 10%, 43%
HSV	286°, 18%, 47%
XYZ	14.6369, 13.6447, 19.3150
YIQ	105.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

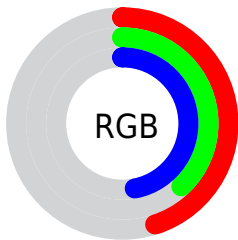
Format	Color
R_{YB}	114, 98, 119
Decimal	7496311
CIE _{Lab}	43.72, 10.59, -9.41
CIE _{LCh}	44, 14.171, 318.379
Yxy	13.6447, 0.3075, 0.2867
Android (android.graphics.Color)	4285686391 (0xFF726277)
YUV	105.1780, 6.8142, 7.7369
Hunter-Lab	36.9387, 6.0875, -5.1452

Details

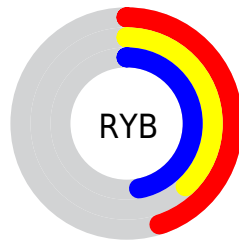
The RYB color **114, 98, 119** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98, 119, 114**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **166, 149, 171**, and **66, 51, 71** is the 20% darker color. If you saturate the color by 10%, you get **111, 86, 119**, and if you desaturate by 10%, it is **117, 110, 119**.

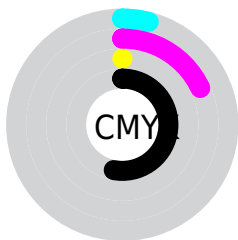
Distribution



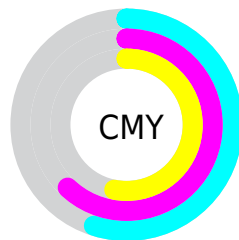
- Red (45%)
- Green (38%)
- Blue (47%)



- Red (45%)
- Yellow (38%)
- Blue (47%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 98, 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 114, 98, 119 by changing the saturation by 10% instead.



114, 98, 119



114, 98, 119

255, 255, 255



89, 74, 94



166, 149, 171



66, 51, 71



193, 175, 198



44, 30, 48



221, 203, 227



24, 6, 28



250, 231, 255



0, 0, 0



114, 98, 119



114, 98, 119



111, 86, 119



117, 110, 119



108, 74, 119



119, 122, 121



106, 62, 119



119, 134, 131

■ 103, 50, 119

■ 119, 146, 140

■ 100, 39, 119

■ 119, 158, 149

■ 97, 27, 119

■ 119, 169, 157

■ 94, 15, 119

■ 119, 181, 166

■ 91, 3, 119

■ 119, 193, 175

■ 91, 0, 119

■ 119, 205, 185

Harmonies

Analogous

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



99, 102, 125



114, 98, 119



124, 95, 108

Triad

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



114, 98, 119



110, 117, 81



71, 91, 110

Complementary

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



114, 98, 119



98, 119, 114

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.



79, 98, 110



114, 98, 119



81, 105, 81

Square

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



114, 98, 119



125, 101, 86



87, 108, 104



73, 93, 120

Rectangle

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



114, 98, 119



127, 95, 100



87, 108, 104



73, 93, 110

Sweetspot

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



114, 98, 119



154, 148, 156



98, 102, 119



78, 74, 79



207, 207, 207



79, 79, 79

Same Dimension

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



114, 98, 119



148, 123, 156



119, 98, 114



57, 53, 59



93, 0, 122



190, 0, 250

Inverse Universe

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



119, 98, 103



156, 123, 131



98, 115, 119



59, 53, 54



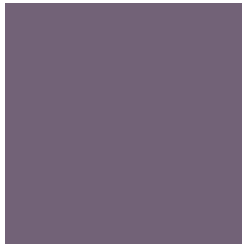
122, 0, 29



250, 0, 59

Previews

White Background



This preview shows how the RYB color 114, 98, 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 114, 98, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

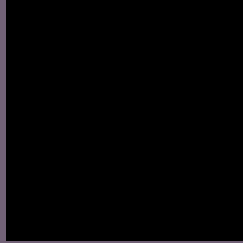
Any Text WCAG AA × Fail

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](#).

R Y B 114, 98, 119 Background



This preview shows how black text looks on a background with the R Y B color 114, 98, 119.



This preview shows how white text looks on a background with the R Y B color 114, 98, 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

[114](#), [98](#), [119](#)

Protanopia

[100](#), [103](#), [122](#)

Deuteranopia

[106](#), [101](#), [118](#)



Tritanopia
112, 100, 108

Trichromacy



Original Color

114, 98, 119

Protanomaly

105, 101, 121

Deuteranomaly

109, 100, 118

Tritanomaly

113, 99, 112

Monochromacy



Original Color

114, 98, 119

Achromatopsia

105, 105, 105

Achromatomaly

108, 102, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 98, 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(114, 98, 119)` looks like.

```
.text, #text, p{  
    color:rgb(114, 98, 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(114, 98, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 98, 119) }
```

Border

The CSS property to change the border of an element to RYB 114, 98, 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(114, 98, 119) }
```

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

```
.border{ border-color:rgb(114, 98, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 98, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 98, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 98, 119); box-shadow:4px 4px 4px 4px rgb(114, 98, 119) }
```

Background

The CSS property to change the background color of an element to RGB 114, 98, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 98, 119) }
```

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

```
.background{ background-color: rgb(114, 98,  
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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