

Converting Colors

`RYB(114, 99, 151)`

Have a look what the booklet for
RYB(114, 99, 151) contains.

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Color

R_YB(114, 99, 151)

Conversions

Conversions Part 1

Format	Color
Hex	726397
RGB	114, 99, 151
RGB Percent	45%, 39%, 59%
CMY	0.5529, 0.6118, 0.4078
CMYK	0.25, 0.34, 0.00, 0.41
HSL	257°, 21%, 49%
HSV	257°, 34%, 59%
XYZ	16.9872, 14.7355, 31.2271
YIQ	109.4130, -7.7520, 19.3520

Conversions

Conversions Part 2

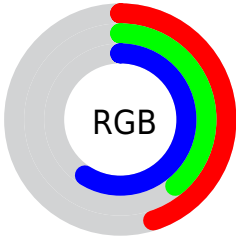
Format	Color
RYB	114, 99, 151
Decimal	7496599
CIELab	45.27, 17.55, -26.26
CIELCh	45, 31.580, 303.758
Yxy	14.7355, 0.2699, 0.2341
Android (android.graphics.Color)	4285686679 (0xFF726397)
YUV	109.4130, 20.5024, 4.0228
Hunter-Lab	38.3868, 11.8142, -21.3608

Details

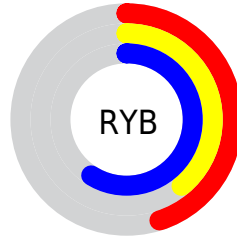
The RYB color **114, 99, 151** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99, 151, 114**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **167, 150, 205**, and **64, 52, 100** is the 20% darker color. If you saturate the color by 10%, you get **103, 84, 151**, and if you desaturate by 10%, it is **125, 114, 151**.

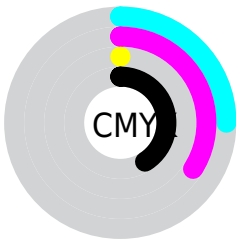
Distribution



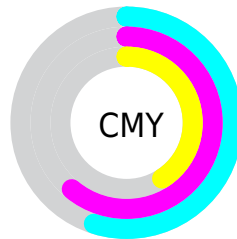
- Red (45%)
- Green (39%)
- Blue (59%)



- Red (45%)
- Yellow (39%)
- Blue (59%)



- Cyan (25%)
- Magenta (34%)
- Yellow (0%)
- Black (41%)



- Cyan (55%)
- Magenta (61%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 99, 151 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, 99, 151 by changing the saturation by 10% instead.



114, 99, 151



114, 99, 151

255, 255, 255



89, 75, 125



167, 150, 205



64, 52, 100



194, 177, 234



41, 31, 76



222, 204, 255



18, 9, 53



251, 232, 255



0, 2, 31



0, 0, 2



0, 0, 0



114, 99, 151



114, 99, 151



103, 84, 151



125, 114, 151

■ 93, 69, 151

■ 135, 129, 151

■ 82, 54, 151

■ 146, 144, 151

■ 71, 39, 151

■ 151, 159, 153

■ 60, 24, 151

■ 151, 175, 158

■ 50, 8, 151

■ 151, 190, 163

■ 44, 0, 151

■ 151, 205, 167

■ 151, 220, 171

■ 151, 235, 175

Harmonies

Analogous

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



71, 98, 159



114, 99, 151



143, 90, 131

Triad

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



114, 99, 151



142, 127, 60



0, 63, 121

Complementary

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



114, 99, 151



99, 151, 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.



59, 102, 119



114, 99, 151



69, 120, 53

Square

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



114, 99, 151



156, 90, 79



62, 114, 83



0, 64, 136

Rectangle

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



114, 99, 151



154, 86, 114



62, 114, 83



28, 80, 121

Sweetspot

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



114, 99, 151



182, 177, 196



99, 121, 151



91, 88, 99



227, 227, 227



99, 99, 99

Same Dimension

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



114, 99, 151



139, 116, 196



140, 99, 151



71, 69, 77



40, 0, 140



4, 0, 13

Inverse Universe

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



151, 99, 136



196, 116, 173



99, 151, 140



77, 69, 74



140, 0, 100



13, 0, 9

Previews

White Background



This preview shows how the RYB color 114, 99, 151 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, 99, 151 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, 99, 151 Background



This preview shows how black text looks on a background with the RYB color 114, 99, 151.

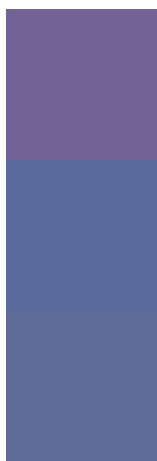


This preview shows how white text looks on a background with the RYB color 114, 99, 151.

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, 99, 151

Protanopia

91, 103, 156

Deuteranopia

93, 104, 150



Tritanopia
107, 106, 115

Trichromacy



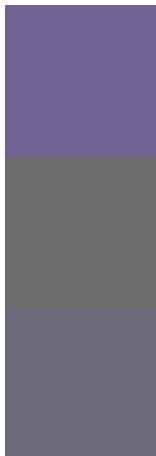
Original Color
114, 99, 151

Protanomaly
99, 103, 154

Deuteranomaly
101, 103, 150

Tritanomaly
110, 103, 128

Monochromacy



Original Color
114, 99, 151

Achromatopsia
109, 109, 109

Achromatomaly
111, 105, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 99, 151 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, 99, 151)` looks like.

```
.text, #text, p{  
    color:rgb(114, 99, 151)  
}
```

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, 99, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 99, 151) }
```

Border

The CSS property to change the border of an element to RYB 114, 99, 151 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, 99, 151) }
```

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

```
.border{ border-color:rgb(114, 99, 151) }
```

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

Here you see how a box with a 4 pixel rgb(114, 99, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 99, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 99, 151);  
box-shadow:4px 4px 4px 4px rgb(114, 99,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 114, 99, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 99, 151) }
```

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

```
.background{ background-color: rgb(114, 99,  
151) }
```

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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