

Converting Colors

`RYB(126, 99, 151)`

Have a look what the booklet for
RYB(126, 99, 151) contains.

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Color

R_YB(126, 99, 151)

Conversions

Conversions Part 1

Format	Color
Hex	7E6397
RGB	126, 99, 151
RGB Percent	49%, 39%, 59%
CMY	0.5059, 0.6118, 0.4078
CMYK	0.17, 0.34, 0.00, 0.41
HSL	271°, 21%, 49%
HSV	271°, 34%, 59%
XYZ	18.6519, 15.5937, 31.3050
YIQ	113.0010, -0.6000, 21.8960

Conversions

Conversions Part 2

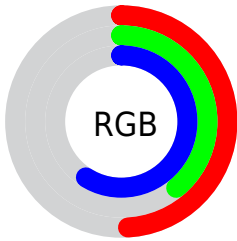
Format	Color
R_{YB}	126, 99, 151
Decimal	8283031
CIE _{Lab}	46.44, 21.43, -24.35
CIE _{LCh}	46, 32.441, 311.352
Yxy	15.5937, 0.2845, 0.2379
Android (android.graphics.Color)	4286473111 (0xFF7E6397)
YUV	113.0010, 18.7335, 11.4001
Hunter-Lab	39.4888, 15.2063, -19.3603

Details

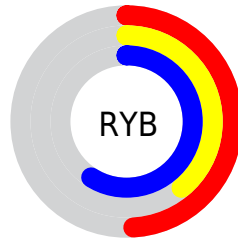
The RYB color **126, 99, 151** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99, 151, 126**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **179, 150, 205**, and **76, 52, 100** is the 20% darker color. If you saturate the color by 10%, you get **119, 84, 151**, and if you desaturate by 10%, it is **133, 114, 151**.

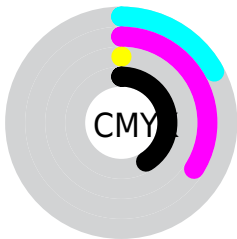
Distribution



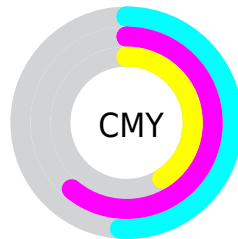
- Red (49%)
- Green (39%)
- Blue (59%)



- Red (49%)
- Yellow (39%)
- Blue (59%)



- Cyan (17%)
- Magenta (34%)
- Yellow (0%)
- Black (41%)



- Cyan (51%)
- Magenta (61%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RYB color 126, 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 126, 99, 151 by changing the saturation by 10% instead.

 126, 99, 151

 126, 99, 151

255, 255, 255

 101, 75, 125

 179, 150, 205

 76, 52, 100

 207, 177, 234

 52, 30, 76

 236, 204, 255

 30, 9, 53

 255, 233, 255

 0, 0, 31

 0, 0, 2

 0, 0, 0

 126, 99, 151

 126, 99, 151

 119, 84, 151

 133, 114, 151

111, 69, 151

141, 129, 151

104, 54, 151

148, 144, 151

97, 39, 151

151, 159, 155

90, 24, 151

151, 175, 164

82, 8, 151

151, 190, 171

78, 0, 151

151, 205, 179

151, 220, 187

151, 235, 195

Harmonies

Analogous

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



85, 103, 163



126, 99, 151



152, 90, 128

Triad

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



126, 99, 151



132, 141, 58



0, 63, 124

Complementary

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



126, 99, 151



99, 151, 126

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.



50, 96, 123



126, 99, 151



60, 117, 55

Square

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



126, 99, 151



158, 98, 75



68, 119, 100



0, 67, 145

Rectangle

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



126, 99, 151



160, 88, 110



68, 119, 100



2, 67, 124

Sweetspot

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



126, 99, 151



187, 177, 196



99, 116, 151



94, 88, 99



227, 227, 227



99, 99, 99

Same Dimension

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



126, 99, 151



158, 116, 196



151, 99, 150



73, 69, 77



73, 0, 140



7, 0, 13

Inverse Universe

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



151, 99, 124



196, 116, 155



99, 150, 151



77, 69, 73



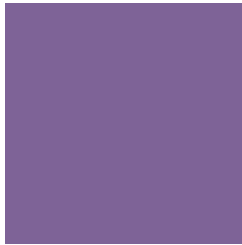
140, 0, 67



13, 0, 6

Previews

White Background



This preview shows how the RYB color 126, 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 126, 99, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

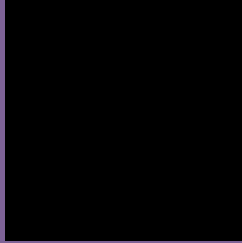
Any Text WCAG AA × Fail

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](#).

RYB 126, 99, 151 Background



This preview shows how black text looks on a background with the RYB color 126, 99, 151.

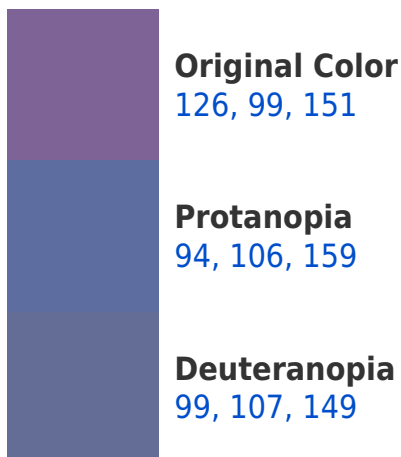



This preview shows how white text looks on a background with the RYB color 126, 99, 151.

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





Tritanopia
120, 106, 115

Trichromacy



Original Color
126, 99, 151

Protanomaly
106, 105, 156

Deuteranomaly
109, 105, 150

Tritanomaly
122, 103, 128

Monochromacy



Original Color
126, 99, 151

Achromatopsia
113, 113, 113

Achromatomaly
118, 108, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 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(126, 99, 151)` looks like.

```
.text, #text, p{  
    color:rgb(126, 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(126, 99, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 99, 151) }
```

Border

The CSS property to change the border of an element to RYB 126, 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(126, 99, 151) }
```

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

```
.border{ border-color:rgb(126, 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(126, 99, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 99, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 99, 151); box-shadow:4px 4px 4px 4px rgb(126, 99, 151) }
```

Background

The CSS property to change the background color of an element to RGB 126, 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(126, 99, 151) }
```

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

```
.background{ background-color: rgb(126, 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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