

Converting Colors

`RYB(126, 152, 159)`

Have a look what the booklet for
RYB(126, 152, 159) contains.

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Color

R_YB(126, 152, 159)

Conversions

Conversions Part 1

Format	Color
Hex	7E9F87
RGB	126, 159, 135
RGB Percent	49%, 62%, 53%
CMY	0.5059, 0.3765, 0.4710
CMYK	0.21, 0.00, 0.15, 0.38
HSL	136°, 15%, 56%
HSV	136°, 21%, 62%
XYZ	25.3674, 30.9779, 27.5214
YIQ	146.3970, -11.9640, -14.4600

Conversions

Conversions Part 2

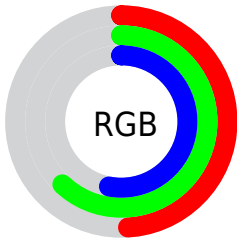
Format	Color
RYB	126, 152, 159
Decimal	8298375
CIELab	62.49, -16.39, 8.87
CIElCh	62, 18.640, 151.580
Yxy	30.9779, 0.3025, 0.3694
Android (android.graphics.Color)	4286488455 (0xFF7E9F87)
YUV	146.3970, -5.6187, -17.8882
Hunter-Lab	55.6578, -16.0455, 9.6430

Details

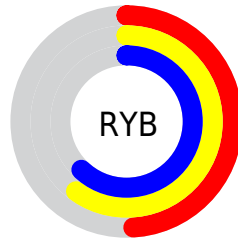
The RYB color **126, 152, 159** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **159, 126, 150**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **179, 207, 214**, and **76, 100, 107** is the 20% darker color. If you saturate the color by 10%, you get **110, 149, 159**, and if you desaturate by 10%, it is **142, 155, 159**.

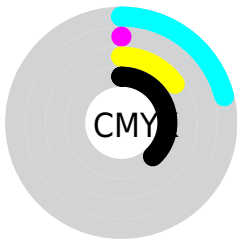
Distribution



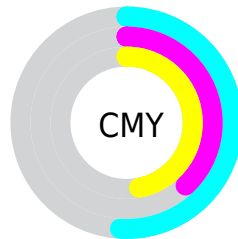
- Red (49%)
- Green (62%)
- Blue (53%)



- Red (49%)
- Yellow (60%)
- Blue (62%)



- Cyan (21%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)



- Cyan (51%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 152, 159 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, 152, 159 by changing the saturation by 10% instead.


 126, 152, 159


255, 255, 255


 179, 207, 214

 207, 235, 242

 235, 249, 255

 126, 152, 159


 101, 126, 133

 76, 100, 107

 53, 76, 83

 30, 53, 60


 8, 29, 38

 0, 16, 16

 0, 0, 0

 126, 152, 159

 110, 149, 159

 126, 152, 159

 142, 155, 159

■ 94, 145, 159

■ 158, 159, 159

■ 78, 142, 159

■ 174, 159, 170

■ 62, 138, 159

■ 190, 159, 181

■ 46, 135, 159

■ 206, 159, 193

■ 31, 132, 159

■ 221, 159, 205

■ 15, 128, 159

■ 237, 159, 216

■ 0, 125, 159

■ 253, 159, 228

■ 255, 159, 239

Harmonies

Analogous

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



123, 155, 133



126, 152, 159



111, 139, 161

Triad

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



126, 152, 159



133, 147, 184



185, 142, 135

Complementary

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



126, 152, 159



159, 126, 150

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.



184, 139, 151



126, 152, 159



155, 147, 179

Square

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



126, 152, 159



114, 140, 180



173, 142, 167



177, 160, 123

Rectangle

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



126, 152, 159



106, 134, 163



173, 142, 167



186, 140, 140

Sweetspot

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



126, 152, 159



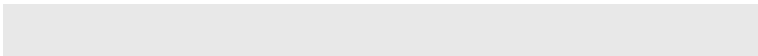
194, 205, 207



126, 159, 135



97, 103, 105



232, 232, 232



105, 105, 105

Same Dimension

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



126, 152, 159



155, 196, 207



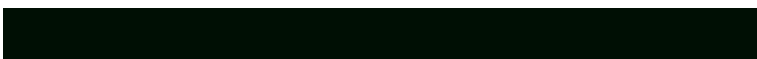
126, 145, 159



71, 77, 79



0, 113, 143



0, 12, 15

Inverse Universe

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



159, 126, 150



207, 155, 193



159, 126, 134



79, 71, 77



143, 0, 104



15, 0, 11

Previews

White Background



This preview shows how the RYB color 126, 152, 159 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 126, 152, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

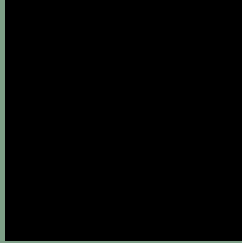
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 126, 152, 159 Background



This preview shows how black text looks on a background with the RYB color 126, 152, 159.



This preview shows how white text looks on a background with the RYB color 126, 152, 159.

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
126, 152, 159

Protanopia
141, 158, 130

Deuteranopia
170, 147, 138



Tritanopia

132, 146, 167

Trichromacy



Original Color

126, 152, 159

Protanomaly

132, 153, 139

Deuteranomaly

142, 154, 137

Tritanomaly

130, 143, 156

Monochromacy



Original Color

126, 152, 159

Achromatopsia

146, 146, 146

Achromatomaly

139, 149, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 152, 159 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, 159, 135)` looks like.

```
.text, #text, p{  
    color:rgb(126, 159, 135)  
}
```

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, 159, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 159, 135) }
```

Border

The CSS property to change the border of an element to RYB 126, 152, 159 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, 159, 135) }
```

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

```
.border{ border-color:rgb(126, 159, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 159, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 159, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 159, 135);  
box-shadow:4px 4px 4px 4px rgb(126, 159,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 126, 152, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 159, 135) }
```

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

```
.background{ background-color: rgb(126,  
159, 135) }
```

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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