

Converting Colors

`RYB(104, 123, 126)`

Have a look what the booklet for
RYB(104, 123, 126) contains.

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Color

R_YB(104, 123, 126)

Conversions

Conversions Part 1

Format	Color
Hex	687E6B
RGB	104, 126, 107
RGB Percent	41%, 49%, 42%
CMY	0.5922, 0.5059, 0.5785
CMYK	0.17, 0.00, 0.15, 0.51
HSL	129°, 10%, 45%
HSV	129°, 17%, 49%
XYZ	15.8486, 18.9363, 16.8607
YIQ	117.2560, -7.0130, -10.5730

Conversions

Conversions Part 2

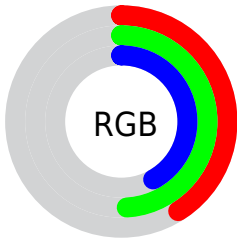
Format	Color
RYB	104, 123, 126
Decimal	6848107
CIELab	50.61, -11.92, 7.45
CIELCh	51, 14.056, 147.994
Yxy	18.9363, 0.3069, 0.3667
Android (android.graphics.Color)	4285038187 (0xFF687E6B)
YUV	117.2560, -5.0562, -11.6255
Hunter-Lab	43.5159, -11.1425, 7.4885

Details

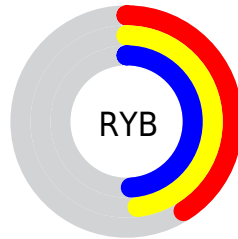
The RYB color **104, 123, 126** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **126, 104, 123**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **155, 176, 179**, and **57, 74, 77** is the 20% darker color. If you saturate the color by 10%, you get **91, 121, 126**, and if you desaturate by 10%, it is **117, 125, 126**.

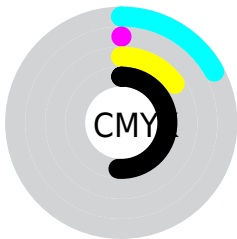
Distribution



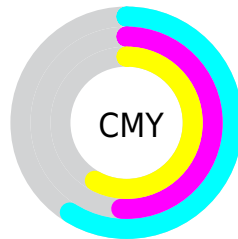
- Red (41%)
- Green (49%)
- Blue (42%)



- Red (41%)
- Yellow (48%)
- Blue (49%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (51%)




- Cyan (59%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 104, 123, 126 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 104, 123, 126 by changing the saturation by 10% instead.

 104, 123, 126


255, 255, 255

 155, 176, 179

 182, 203, 206

 210, 231, 234

 238, 252, 255

 104, 123, 126

 80, 98, 101


 57, 74, 77


 35, 51, 54


 14, 30, 33


 0, 4, 4

 0, 0, 0

 104, 123, 126

 91, 121, 126

 79, 120, 126

 104, 123, 126

 117, 125, 126

 129, 126, 129

■ 66, 117, 126

■ 142, 126, 139

■ 54, 116, 126

■ 154, 126, 150

■ 41, 115, 126

■ 167, 126, 161

■ 28, 112, 126

■ 180, 126, 171

■ 16, 111, 126

■ 192, 126, 182

■ 3, 109, 126

■ 205, 126, 192

■ 0, 109, 126

■ 217, 126, 203

Harmonies

Analogous

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



99, 123, 104



104, 123, 126



93, 112, 127

Triad

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



104, 123, 126



106, 117, 144



145, 113, 110

Complementary

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



104, 123, 126



126, 104, 123

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.



144, 112, 122



104, 123, 126



122, 118, 142

Square

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



104, 123, 126



93, 112, 140



135, 114, 133



141, 125, 101

Rectangle

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



104, 123, 126



89, 108, 127



135, 114, 133



146, 112, 114

Sweetspot

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



104, 123, 126



155, 162, 163



104, 126, 107



77, 82, 82



209, 209, 209



82, 82, 82

Same Dimension

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



104, 123, 126



129, 159, 163



104, 117, 126



57, 63, 64



0, 111, 128



0, 0, 0

Inverse Universe

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



126, 104, 123



163, 129, 158



126, 104, 112



64, 57, 63



128, 0, 107



0, 0, 0

Previews

White Background



This preview shows how the RYB color 104, 123, 126 looks on a white 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

Black Background



This preview shows how the RYB color 104, 123, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

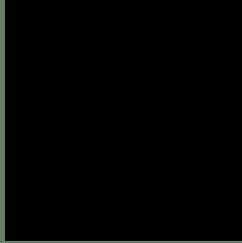
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

R Y B 104, 123, 126 Background



This preview shows how black text looks on a background with the R Y B color 104, 123, 126.

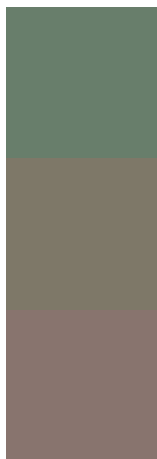


This preview shows how white text looks on a background with the R Y B color 104, 123, 126.

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

[104](#), [123](#), [126](#)

Protanopia

[112](#), [126](#), [104](#)

Deuteranopia

[136](#), [118](#), [110](#)



Tritanopia
108, 117, 132

Trichromacy



Original Color

104, 123, 126

Protanomaly

105, 122, 109

Deuteranomaly

114, 124, 109

Tritanomaly

107, 115, 123

Monochromacy



Original Color

104, 123, 126

Achromatopsia

117, 117, 117

Achromatomaly

112, 118, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 123, 126 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(104, 126, 107)` looks like.

```
.text, #text, p{  
    color:rgb(104, 126, 107)  
}
```

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(104, 126, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 126, 107) }
```

Border

The CSS property to change the border of an element to RYB 104, 123, 126 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(104, 126, 107) }
```

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

```
.border{ border-color:rgb(104, 126, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 126, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 126, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 126, 107);  
box-shadow:4px 4px 4px 4px rgb(104, 126,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 104, 123, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 126, 107) }
```

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

```
.background{ background-color: rgb(104,  
126, 107) }
```

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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