

Converting Colors

`RYB(104, 128, 151)`

Have a look what the booklet for
RYB(104, 128, 151) contains.

RYB(104, 128, 151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(104, 128, 151)

Conversions

Conversions Part 1

Format	Color
Hex	689795
RGB	104, 151, 149
RGB Percent	41%, 59%, 58%
CMY	0.5922, 0.4078, 0.4155
CMYK	0.31, 0.00, 0.01, 0.41
HSL	177°, 18%, 50%
HSV	177°, 31%, 59%
XYZ	22.2037, 27.2475, 32.5403
YIQ	136.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

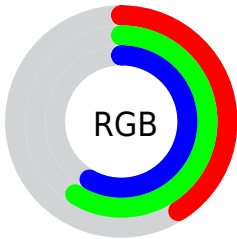
Format	Color
RYB	104, 128, 151
Decimal	6854549
CIELab	59.20, -16.21, -4.06
CIElCh	59, 16.710, 194.048
Yxy	27.2475, 0.2708, 0.3323
Android (android.graphics.Color)	4285044629 (0xFF689795)
YUV	136.7190, 6.0545, -28.6946
Hunter-Lab	52.1992, -15.4210, -0.4212

Details

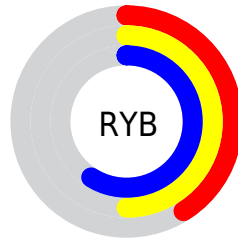
The RYB color `104, 128, 151` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `151, 104, 106`, and the grayscale version is `137, 137, 137`.

A 20% lighter version of the original color is `157, 182, 205`, and `54, 78, 100` is the 20% darker color. If you saturate the color by 10%, you get `89, 121, 151`, and if you desaturate by 10%, it is `119, 135, 151`.

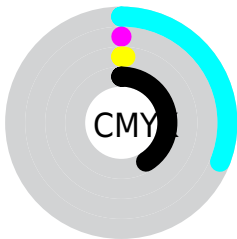
Distribution



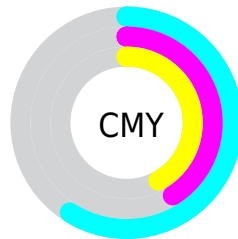
- Red (41%)
- Green (59%)
- Blue (58%)



- Red (41%)
- Yellow (50%)
- Blue (59%)



- Cyan (31%)
- Magenta (0%)
- Yellow (1%)
- Black (41%)



- Cyan (59%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 104, 128, 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 104, 128, 151 by changing the saturation by 10% instead.

■ 104, 128, 151

255, 255, 255

■ 157, 182, 205

■ 184, 210, 234

■ 212, 234, 255

■ 241, 248, 255

■ 104, 128, 151

■ 79, 103, 125

■ 54, 78, 100

■ 29, 53, 76

■ 0, 27, 53

■ 0, 16, 32

■ 0, 0, 7

■ 0, 0, 0

■ 104, 128, 151

■ 89, 121, 151

■ 104, 128, 151

■ 119, 135, 151

■ 74, 113, 151

■ 134, 143, 151

■ 59, 106, 151

■ 149, 150, 151

■ 44, 99, 151

■ 164, 151, 152

■ 29, 91, 151

■ 179, 151, 152

■ 13, 84, 151

■ 195, 151, 153

■ 0, 77, 151

■ 210, 151, 153

■ 225, 151, 154

■ 240, 151, 155

Harmonies

Analogous

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



114, 137, 150



104, 128, 151



104, 130, 162

Triad

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



104, 128, 151



154, 137, 164



157, 161, 115

Complementary

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



104, 128, 151



151, 104, 106

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.



171, 139, 123



104, 128, 151



167, 133, 151

Square

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



104, 128, 151



135, 140, 171



173, 132, 136



117, 147, 114

Rectangle

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



104, 128, 151



111, 133, 168



173, 132, 136



165, 151, 117

Sweetspot

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



104, 128, 151



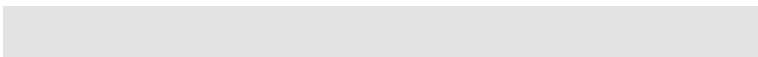
179, 188, 196



104, 151, 149



89, 94, 99



227, 227, 227



99, 99, 99

Same Dimension

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



104, 128, 151



124, 161, 196



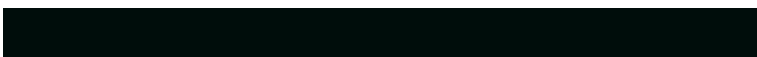
104, 121, 151



69, 73, 77



0, 72, 140



0, 7, 13

Inverse Universe

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



151, 104, 106



196, 124, 127



151, 142, 104



77, 69, 69



140, 0, 6



13, 0, 1

Previews

White Background



This preview shows how the RYB color 104, 128, 151 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, 128, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

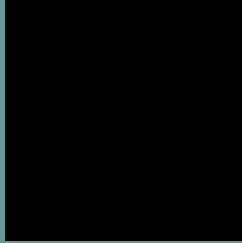
Any Text WCAG AA ✓ Pass

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](#).

RYB 104, 128, 151 Background



This preview shows how black text looks on a background with the RYB color 104, 128, 151.

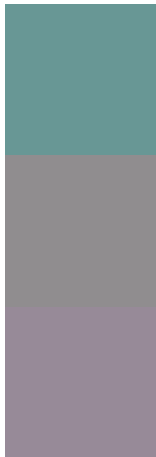


This preview shows how white text looks on a background with the RYB color 104, 128, 151.

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
104, 128, 151

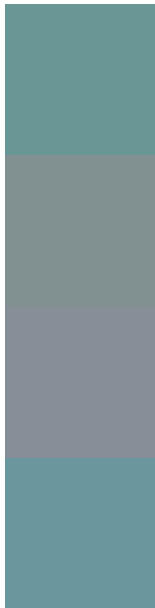
Protanopia
144, 141, 143

Deuteranopia
151, 138, 152



Tritanopia
107, 131, 161

Trichromacy



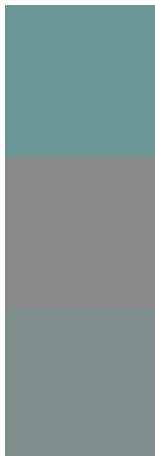
Original Color
104, 128, 151

Protanomaly
129, 137, 145

Deuteranomaly
134, 140, 151

Tritanomaly
106, 130, 157

Monochromacy



Original Color
104, 128, 151

Achromatopsia
137, 137, 137

Achromatomaly
125, 134, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 128, 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(104, 151, 149)` looks like.

```
.text, #text, p{  
    color:rgb(104, 151, 149)  
}
```

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, 151, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 151, 149) }
```

Border

The CSS property to change the border of an element to RYB 104, 128, 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(104, 151, 149) }
```

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

```
.border{ border-color:rgb(104, 151, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 151, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 151, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 151, 149);  
box-shadow:4px 4px 4px 4px rgb(104, 151,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 104, 128, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 151, 149) }
```

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

```
.background{ background-color: rgb(104,  
151, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor