

Converting Colors

`RYB(104, 131, 154)`

Have a look what the booklet for
RYB(104, 131, 154) contains.

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Color

`RYB(104, 131, 154)`

Conversions

Conversions Part 1

Format	Color
Hex	689A93
RGB	104, 154, 147
RGB Percent	41%, 60%, 58%
CMY	0.5922, 0.3961, 0.4251
CMYK	0.32, 0.00, 0.05, 0.40
HSL	171°, 20%, 51%
HSV	171°, 32%, 60%
XYZ	22.4991, 28.1481, 31.6837
YIQ	138.2520, -27.5530, -12.7770

Conversions

Conversions Part 2

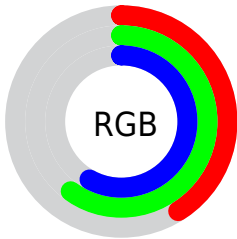
Format	Color
RYB	104, 131, 154
Decimal	6855315
CIELab	60.02, -18.38, -1.46
CIElCh	60, 18.441, 184.539
Yxy	28.1481, 0.2733, 0.3419
Android (android.graphics.Color)	4285045395 (0xFF689A93)
YUV	138.2520, 4.3128, -30.0390
Hunter-Lab	53.0548, -17.1489, 1.7310

Details

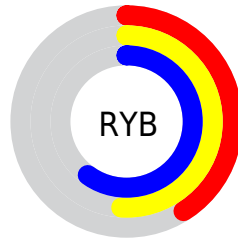
The RYB color **104, 131, 154** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **154, 104, 111**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **157, 185, 209**, and **54, 80, 103** is the 20% darker color. If you saturate the color by 10%, you get **89, 124, 154**, and if you desaturate by 10%, it is **119, 138, 154**.

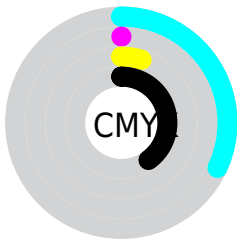
Distribution



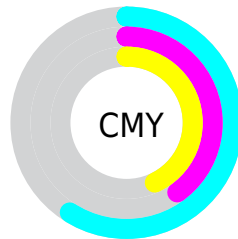
- Red (41%)
- Green (60%)
- Blue (58%)



- Red (41%)
- Yellow (51%)
- Blue (60%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (59%)
- Magenta (40%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the RYB color 104, 131, 154 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, 131, 154 by changing the saturation by 10% instead.

 104, 131, 154


255, 255, 255


 157, 185, 209


 184, 213, 237


 212, 234, 255

 241, 248, 255


 104, 131, 154

 79, 105, 128

 54, 80, 103


 28, 55, 78


 0, 29, 55


 0, 18, 34

 0, 0, 4

 0, 0, 0

 104, 131, 154

 89, 124, 154

 104, 131, 154

 119, 138, 154

■ 73, 117, 154

■ 135, 145, 154

■ 58, 110, 154

■ 150, 152, 154

■ 42, 103, 154

■ 166, 154, 156

■ 27, 96, 154

■ 181, 154, 158

■ 12, 89, 154

■ 196, 154, 160

■ 0, 83, 154

■ 212, 154, 163

■ 227, 154, 165

■ 243, 154, 167

Harmonies

Analogous

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



118, 144, 153



104, 131, 154



100, 129, 162

Triad

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



104, 131, 154



151, 140, 171



169, 157, 116

Complementary

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



104, 131, 154



154, 104, 111

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.



177, 137, 127



104, 131, 154



168, 135, 159

Square

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



104, 131, 154



129, 141, 177



177, 133, 143



127, 155, 112

Rectangle

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



104, 131, 154



105, 132, 171



177, 133, 143



173, 146, 119

Sweetspot

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



104, 131, 154



181, 192, 201



104, 154, 147



90, 97, 102



230, 230, 230



102, 102, 102

Same Dimension

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



104, 131, 154



123, 165, 201



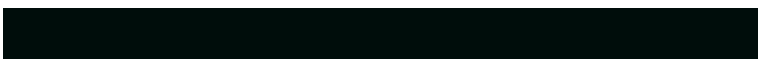
104, 124, 154



69, 74, 77



0, 76, 140



0, 7, 13

Inverse Universe

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



154, 104, 111



201, 123, 135



154, 132, 104



77, 69, 70



140, 0, 21



13, 0, 2

Previews

White Background



This preview shows how the RYB color 104, 131, 154 looks on a white background.

Color Contrast Check

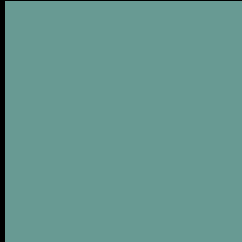
Large Text (above 18pt) WCAG AA ✓ Pass

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, 131, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

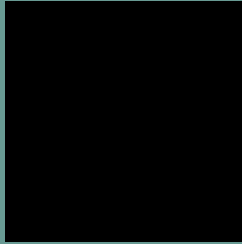
Any Text WCAG AA ✓ Pass

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, 131, 154 Background



This preview shows how black text looks on a background with the RYB color 104, 131, 154.



This preview shows how white text looks on a background with the RYB color 104, 131, 154.

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
108, 132, 164

Trichromacy



Original Color

104, 131, 154

Protanomaly

131, 140, 147

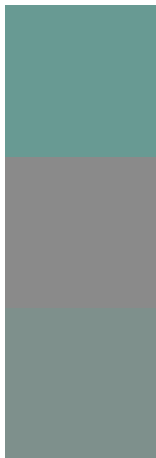
Deuteranomaly

137, 142, 149

Tritanomaly

107, 131, 158

Monochromacy



Original Color

104, 131, 154

Achromatopsia

138, 138, 138

Achromatomaly

126, 136, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 131, 154 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, 154, 147)` looks like.

```
.text, #text, p{  
    color:rgb(104, 154, 147)  
}
```

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, 154, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 154, 147) }
```

Border

The CSS property to change the border of an element to RYB 104, 131, 154 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, 154, 147) }
```

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

```
.border{ border-color:rgb(104, 154, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 154, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 154, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 154, 147);  
box-shadow:4px 4px 4px 4px rgb(104, 154,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 104, 131, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 154, 147) }
```

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

```
.background{ background-color: rgb(104,  
154, 147) }
```

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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