

Converting Colors

`RYB(104, 154, 155)`

Have a look what the booklet for
RYB(104, 154, 155) contains.

RYB(104, 154, 155)	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, 154, 155)

Conversions

Conversions Part 1

Format	Color
Hex	689B69
RGB	104, 155, 105
RGB Percent	41%, 61%, 41%
CMY	0.5922, 0.3922, 0.5882
CMYK	0.33, 0.00, 0.32, 0.39
HSL	121°, 20%, 51%
HSV	121°, 33%, 61%
XYZ	19.9811, 27.4061, 17.6068
YIQ	134.0510, -14.3460, -26.3620

Conversions

Conversions Part 2

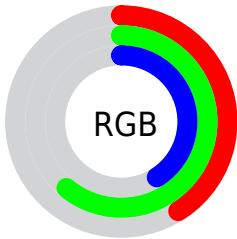
Format	Color
RYB	104, 154, 155
Decimal	6855529
CIELab	59.35, -27.48, 20.95
CIElCh	59, 34.552, 142.675
Yxy	27.4061, 0.3074, 0.4217
Android (android.graphics.Color)	4285045609 (0xFF689B69)
YUV	134.0510, -14.3221, -26.3547
Hunter-Lab	52.3508, -23.4846, 16.7050

Details

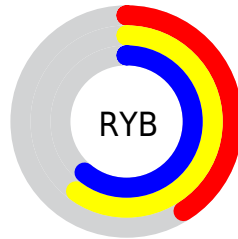
The RYB color **104, 154, 155** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **155, 104, 154**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **157, 210, 210**, and **54, 100, 103** is the 20% darker color. If you saturate the color by 10%, you get **89, 154, 155**, and if you desaturate by 10%, it is **120, 155, 155**.

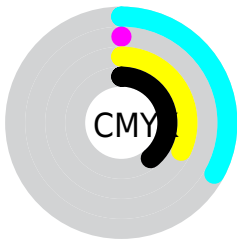
Distribution



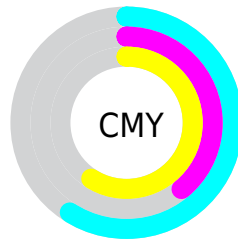
- Red (41%)
- Green (61%)
- Blue (41%)



- Red (41%)
- Yellow (60%)
- Blue (61%)



- Cyan (33%)
- Magenta (0%)
- Yellow (32%)
- Black (39%)



- Cyan (59%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 104, 154, 155 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, 154, 155 by changing the saturation by 10% instead.

 104, 154, 155

255, 255, 255


 157, 210, 210


 184, 238, 238

 211, 255, 254

 240, 255, 254

 104, 154, 155

 79, 127, 129

 54, 100, 103


 29, 74, 79


 1, 45, 56

 0, 35, 35


 0, 0, 0

 104, 154, 155


 89, 154, 155


 73, 153, 155


 104, 154, 155

 120, 155, 155


 135, 155, 155


 57, 153, 155


 151, 155, 155

 42, 153, 155

 166, 155, 166

 26, 152, 155

 181, 155, 181


 11, 152, 155

 197, 155, 196

 0, 152, 155

 213, 155, 211

 228, 155, 227

 243, 155, 242

Harmonies

Analogous

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



86, 148, 95



104, 154, 155



62, 118, 159

Triad

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



104, 154, 155



84, 126, 203



202, 120, 121

Complementary

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



104, 154, 155



155, 104, 154

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.



196, 120, 152



104, 154, 155



135, 138, 199

Square

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



104, 154, 155



16, 93, 190



174, 127, 180



191, 144, 96

Rectangle

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



104, 154, 155



25, 93, 159



174, 127, 180



202, 119, 131

Sweetspot

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



104, 154, 155



181, 200, 201



104, 155, 105



90, 102, 102



230, 230, 230



102, 102, 102

Same Dimension

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



104, 154, 155



123, 200, 201



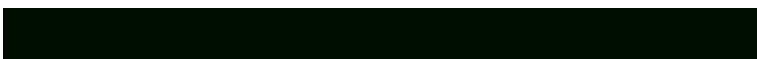
104, 138, 155



69, 77, 77



0, 137, 140



0, 13, 13

Inverse Universe

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



155, 104, 154



201, 123, 200



155, 104, 129



77, 69, 76



140, 0, 137



13, 0, 12

Previews

White Background



This preview shows how the RYB color 104, 154, 155 looks on a white background.

Color Contrast Check

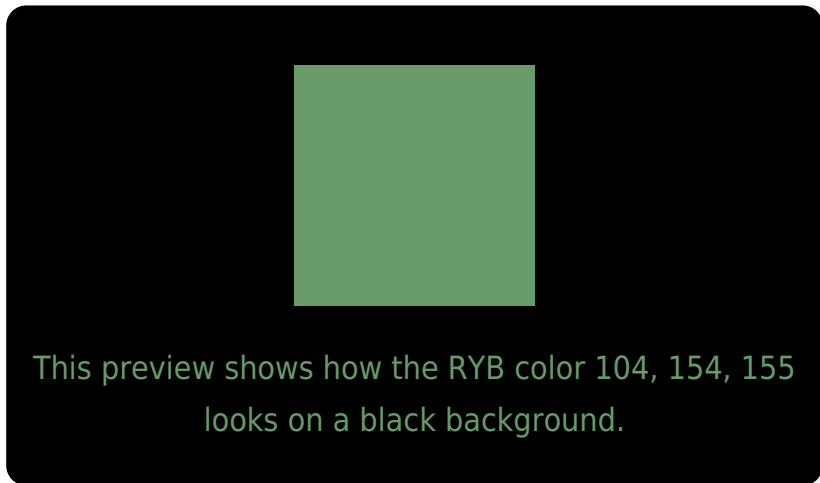
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

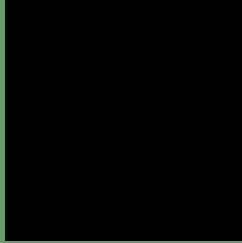
Any Text WCAG AA ✓ Pass

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, 154, 155 Background



This preview shows how black text looks on a background with the RYB color 104, 154, 155.



This preview shows how white text looks on a background with the RYB color 104, 154, 155.

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, 154, 155

Protanopia
115, 154, 100

Deuteranopia
167, 163, 109



Tritanopia
114, 134, 160

Trichromacy



Original Color
104, 154, 155

Protanomaly
102, 147, 113

Deuteranomaly
108, 144, 108

Tritanomaly
110, 134, 151

Monochromacy



Original Color
104, 154, 155

Achromatopsia
134, 134, 134

Achromatomaly
123, 142, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 154, 155 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, 155, 105)` looks like.

```
.text, #text, p{  
    color:rgb(104, 155, 105)  
}
```

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, 155, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 155, 105) }
```

Border

The CSS property to change the border of an element to RYB 104, 154, 155 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, 155, 105) }
```

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

```
.border{ border-color:rgb(104, 155, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 155, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 155, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 155, 105);  
box-shadow:4px 4px 4px 4px rgb(104, 155,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 104, 154, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 155, 105) }
```

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

```
.background{ background-color: rgb(104,  
155, 105) }
```

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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