

Converting Colors

`RYB(154, 100, 101)`

Have a look what the booklet for
RYB(154, 100, 101) contains.

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Color

R_YB(154, 100, 101)

Conversions

Conversions Part 1

Format	Color
Hex	9A6465
RGB	154, 100, 101
RGB Percent	60%, 39%, 40%
CMY	0.3961, 0.6078, 0.6039
CMYK	0.00, 0.35, 0.34, 0.40
HSL	359°, 21%, 50%
HSV	359°, 35%, 60%
XYZ	20.2326, 16.9240, 14.5122
YIQ	116.2600, 31.8630, 11.7590

Conversions

Conversions Part 2

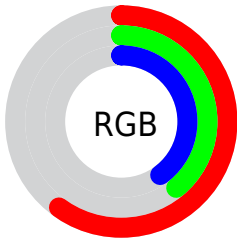
Format	Color
RYB	154, 100, 101
Decimal	10118245
CIELab	48.16, 21.97, 8.47
CIELCh	48, 23.549, 21.071
Yxy	16.9240, 0.3916, 0.3275
Android (android.graphics.Color)	4288308325 (0xFF9A6465)
YUV	116.2600, -7.5232, 33.0980
Hunter-Lab	41.1387, 15.7958, 7.8818

Details

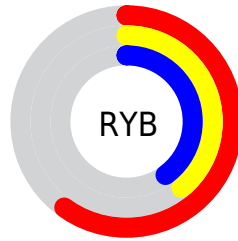
The RYB color **154, 100, 101** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **100, 127, 154**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **210, 151, 152**, and **101, 52, 54** is the 20% darker color. If you saturate the color by 10%, you get **154, 85, 86**, and if you desaturate by 10%, it is **154, 115, 116**.

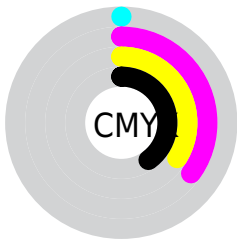
Distribution



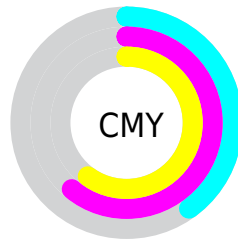
- Red (60%)
- Green (39%)
- Blue (40%)



- Red (60%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)
- Black (40%)



- Cyan (40%)
- Magenta (61%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the RYB color 154, 100, 101 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 154, 100, 101 by changing the saturation by 10% instead.

 154, 100, 101

255, 255, 255

 210, 151, 152


 239, 178, 179

 255, 206, 206

 255, 234, 234

 154, 100, 101

 127, 76, 77

 101, 52, 54

 76, 30, 33

 51, 8, 10

 27, 0, 1


 0, 0, 0


 154, 100, 101

 154, 85, 86

 154, 69, 71

 154, 100, 101

 154, 115, 116

 154, 131, 131

■ 154, 54, 56

■ 154, 146, 146

■ 154, 38, 41

■ 154, 158, 162

■ 154, 23, 25

■ 154, 166, 177

■ 154, 8, 10

■ 154, 173, 192

■ 154, 0, 3

■ 154, 181, 208

■ 154, 189, 223

■ 154, 197, 239

Harmonies

Analogous

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



149, 100, 121



154, 100, 101



148, 113, 84

Triad

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



154, 100, 101



89, 122, 120



79, 105, 153

Complementary

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



154, 100, 101



100, 127, 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.



54, 93, 145



154, 100, 101



68, 102, 125

Square

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



154, 100, 101



77, 117, 80



50, 88, 128



109, 111, 151

Rectangle

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



154, 100, 101



135, 139, 77



50, 88, 128



69, 100, 151

Sweetspot

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



154, 100, 101



201, 179, 180



152, 100, 154



102, 89, 89



230, 230, 230



102, 102, 102

Same Dimension

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



154, 100, 101



201, 117, 118



154, 147, 100



77, 69, 69



140, 0, 3



13, 0, 0

Inverse Universe

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



154, 100, 101



201, 117, 118



100, 119, 154



77, 69, 69



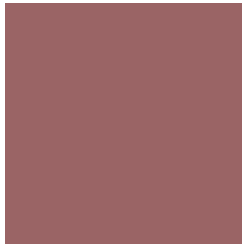
140, 0, 3



13, 0, 0

Previews

White Background



This preview shows how the RYB color 154, 100, 101 looks on a white background.

Color Contrast Check

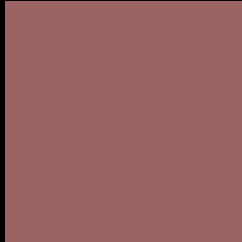
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 154, 100, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

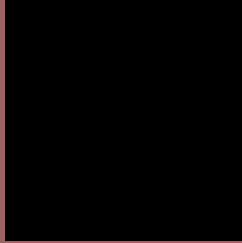
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 154, 100, 101 Background



This preview shows how black text looks on a background with the RYB color 154, 100, 101.



This preview shows how white text looks on a background with the RYB color 154, 100, 101.

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

154, 100, 101

Protanopia

116, 118, 109

Deuteranopia

131, 116, 99



Tritanopia
155, 99, 107

Trichromacy



Original Color

154, 100, 101

Protanomaly

131, 109, 106

Deuteranomaly

139, 107, 100

Tritanomaly

155, 99, 105

Monochromacy



Original Color

154, 100, 101

Achromatopsia

116, 116, 116

Achromatomaly

130, 110, 111

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 100, 101 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(154, 100, 101) looks like.

```
.text, #text, p{  
    color:rgb(154, 100, 101)  
}
```

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(154, 100, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 100, 101) }
```

Border

The CSS property to change the border of an element to RYB 154, 100, 101 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(154, 100, 101) }
```

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

```
.border{ border-color:rgb(154, 100, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 100, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 100, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 100, 101);  
box-shadow:4px 4px 4px 4px rgb(154, 100,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 154, 100, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 100, 101) }
```

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

```
.background{ background-color: rgb(154,  
100, 101) }
```

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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