

Converting Colors

`RYB(100, 131, 131)`

Have a look what the booklet for
RYB(100, 131, 131) contains.

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Color

`RYB(100, 131, 131)`

Conversions

Conversions Part 1

Format	Color
Hex	648364
RGB	100, 131, 100
RGB Percent	39%, 51%, 39%
CMY	0.6078, 0.4863, 0.6078
CMYK	0.24, 0.00, 0.24, 0.49
HSL	120°, 13%, 45%
HSV	120°, 24%, 51%
XYZ	15.6721, 19.8620, 15.0643
YIQ	118.1970, -8.5250, -16.2130

Conversions

Conversions Part 2

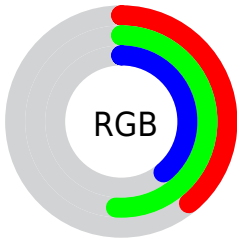
Format	Color
RYB	100, 131, 131
Decimal	6587236
CIELab	51.68, -17.55, 13.25
CIELCh	52, 21.990, 142.947
Yxy	19.8620, 0.3097, 0.3925
Android (android.graphics.Color)	4284777316 (0xFF648364)
YUV	118.1970, -8.9711, -15.9588
Hunter-Lab	44.5668, -15.2218, 11.1558

Details

The RYB color **100, 131, 131** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **131, 100, 131**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **151, 184, 184**, and **52, 80, 81** is the 20% darker color. If you saturate the color by 10%, you get **87, 131, 131**, and if you desaturate by 10%, it is **113, 131, 131**.

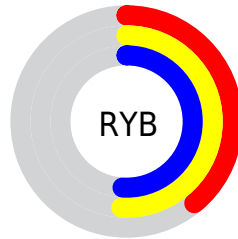
Distribution



Red (39%)

Green (51%)

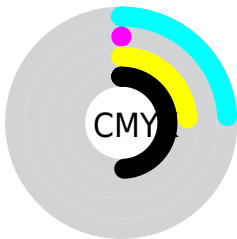
Blue (39%)



Red (39%)

Yellow (51%)

Blue (51%)

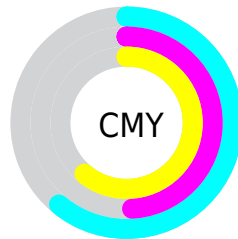


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (49%)



Cyan (61%)


Magenta (49%)

Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the RYB color 100, 131, 131 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 100, 131, 131 by changing the saturation by 10% instead.

 100, 131, 131


255, 255, 255


 151, 184, 184

 178, 212, 212


 205, 240, 239

 233, 255, 254

 100, 131, 131

 76, 106, 106

 52, 80, 81


 30, 56, 58


 9, 36, 36


 0, 11, 11

 0, 0, 0


 100, 131, 131

 87, 131, 131

 74, 131, 131

 100, 131, 131

 113, 131, 131

 126, 131, 131

■ 61, 131, 131

■ 139, 131, 139

■ 48, 131, 131

■ 152, 131, 152

■ 35, 131, 131

■ 165, 131, 165

■ 21, 131, 131

■ 179, 131, 179

■ 8, 131, 131

■ 192, 131, 192

■ 0, 131, 131

■ 205, 131, 205

■ 218, 131, 218

Harmonies

Analogous

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



88, 126, 92



100, 131, 131



79, 110, 133

Triad

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



100, 131, 131



93, 115, 160



161, 110, 109

Complementary

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



100, 131, 131



131, 100, 131

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.



157, 110, 128



100, 131, 131



120, 120, 158

Square

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



100, 131, 131



71, 106, 153



143, 114, 146



155, 124, 94

Rectangle

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



100, 131, 131



69, 102, 134



143, 114, 146



161, 109, 116

Sweetspot

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



100, 131, 131



159, 171, 171



100, 131, 100



80, 87, 87



214, 214, 214



87, 87, 87

Same Dimension

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



100, 131, 131



123, 171, 171



100, 121, 131



60, 66, 66



0, 130, 130



0, 3, 3

Inverse Universe

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



131, 100, 131



171, 123, 171



131, 100, 115



66, 60, 66



130, 0, 130



3, 0, 3

Previews

White Background



This preview shows how the RYB color 100, 131, 131 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 100, 131, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

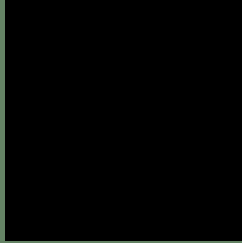
Any Text WCAG AA ✓ Pass

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 100, 131, 131 Background



This preview shows how black text looks on a background with the RYB color 100, 131, 131.



This preview shows how white text looks on a background with the RYB color 100, 131, 131.

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](#).

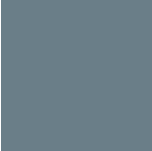
Dichromacy



Original Color
100, 131, 131

Protanopia
106, 131, 96

Deuteranopia
142, 127, 103



Tritanopia
106, 118, 136

Trichromacy



Original Color

100, 131, 131

Protanomaly

97, 126, 103

Deuteranomaly

107, 127, 102

Tritanomaly

104, 117, 128

Monochromacy



Original Color

100, 131, 131

Achromatopsia

118, 118, 118

Achromatomaly

111, 123, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 100, 131, 131 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(100, 131, 100)` looks like.

```
.text, #text, p{  
    color:rgb(100, 131, 100)  
}
```

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(100, 131, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 131, 100) }
```

Border

The CSS property to change the border of an element to RYB 100, 131, 131 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(100, 131, 100) }
```

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

```
.border{ border-color:rgb(100, 131, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 131, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 131, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 131, 100);  
box-shadow:4px 4px 4px 4px rgb(100, 131,  
100) }
```

Background

The CSS property to change the background color of an element to RYB 100, 131, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 131, 100) }
```

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

```
.background{ background-color: rgb(100,  
131, 100) }
```

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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