

Converting Colors

`RYB(91, 151, 151)`

Have a look what the booklet for
RYB(91, 151, 151) contains.

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Color

R_YB(91, 151, 151)

Conversions

Conversions Part 1

Format	Color
Hex	5B975B
RGB	91, 151, 91
RGB Percent	36%, 59%, 36%
CMY	0.6431, 0.4078, 0.6431
CMYK	0.40, 0.00, 0.40, 0.41
HSL	120°, 25%, 47%
HSV	120°, 40%, 59%
XYZ	17.2693, 25.1127, 13.8346
YIQ	126.2200, -16.5000, -31.3800

Conversions

Conversions Part 2

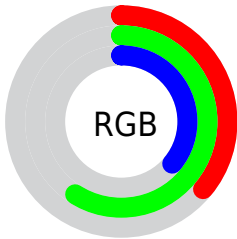
Format	Color
RYB	91, 151, 151
Decimal	6002523
CIELab	57.19, -32.26, 25.64
CIElCh	57, 41.205, 141.528
Yxy	25.1127, 0.3072, 0.4467
Android (android.graphics.Color)	4284192603 (0xFF5B975B)
YUV	126.2200, -17.3635, -30.8879
Hunter-Lab	50.1126, -26.1840, 18.7106

Details

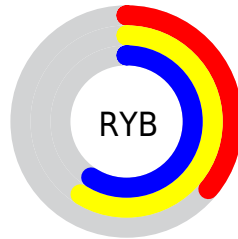
The RYB color **91, 151, 151** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **151, 91, 151**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **142, 206, 204**, and **39, 95, 100** is the 20% darker color. If you saturate the color by 10%, you get **76, 151, 151**, and if you desaturate by 10%, it is **106, 151, 151**.

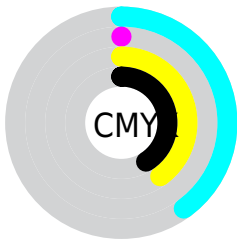
Distribution



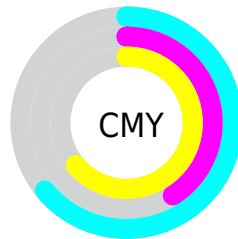
- Red (36%)
- Green (59%)
- Blue (36%)



- Red (36%)
- Yellow (59%)
- Blue (36%)



- Cyan (40%)
- Magenta (0%)
- Yellow (40%)
- Black (41%)



- Cyan (64%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 91, 151, 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 91, 151, 151 by changing the saturation by 10% instead.



91, 151, 151



91, 151, 151

255, 255, 255



65, 123, 125



142, 206, 204



39, 95, 100



168, 234, 231



8, 63, 75



196, 255, 252



0, 52, 52



224, 255, 251



0, 33, 33

253, 255, 253



0, 0, 0



91, 151, 151



91, 151, 151



76, 151, 151



106, 151, 151



61, 151, 151



121, 151, 151

■ 46, 151, 151

■ 136, 151, 151

■ 31, 151, 151

■ 151, 151, 151

■ 15, 151, 151

■ 167, 151, 167

■ 0, 151, 151

■ 182, 151, 182

■ 197, 151, 197

■ 212, 151, 212

■ 227, 151, 227

Harmonies

Analogous

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



68, 143, 78



91, 151, 151



20, 96, 155

Triad

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



91, 151, 151



47, 108, 208



205, 109, 113

Complementary

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



91, 151, 151



151, 91, 151

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.



199, 108, 149



91, 151, 151



124, 131, 204

Square

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



91, 151, 151



0, 85, 193



172, 118, 182



193, 138, 82

Rectangle

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



91, 151, 151



0, 80, 156



172, 118, 182



205, 107, 125

Sweetspot

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



91, 151, 151



173, 196, 196



91, 151, 91



86, 99, 99



227, 227, 227



99, 99, 99

Same Dimension

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



91, 151, 151



102, 196, 196



91, 131, 151



69, 77, 77



0, 140, 140



0, 13, 13

Inverse Universe

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



151, 91, 151



196, 102, 196



151, 91, 121



77, 69, 77



140, 0, 140



13, 0, 13

Previews

White Background



This preview shows how the RYB color 91, 151, 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 91, 151, 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 91, 151, 151 Background



This preview shows how black text looks on a background with the RYB color 91, 151, 151.

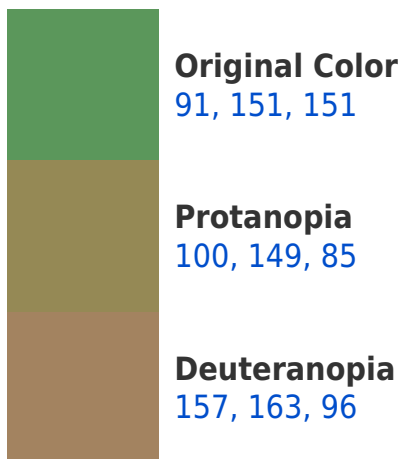


This preview shows how white text looks on a background with the RYB color 91, 151, 151.

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





Tritanopia
104, 126, 155

Trichromacy



Original Color
91, 151, 151

Protanomaly
87, 142, 101

Deuteranomaly
94, 138, 95

Tritanomaly
99, 127, 146

Monochromacy



Original Color
91, 151, 151

Achromatopsia
126, 126, 126

Achromatomaly
113, 135, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 91, 151, 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(91, 151, 91)` looks like.

```
.text, #text, p{  
    color:rgb(91, 151, 91)  
}
```

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(91, 151, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 151, 91) }
```

Border

The CSS property to change the border of an element to RYB 91, 151, 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(91, 151, 91) }
```

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

```
.border{ border-color:rgb(91, 151, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 151, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 151, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 151, 91);  
box-shadow:4px 4px 4px 4px rgb(91, 151,  
91) }
```

Background

The CSS property to change the background color of an element to RYB 91, 151, 151 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 151, 91) }
```

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

```
.background{ background-color: rgb(91, 151,  
91) }
```

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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