

Converting Colors

`RYB(92, 134, 151)`

Have a look what the booklet for
RYB(92, 134, 151) contains.

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Color

R_YB(92, 134, 151)

Conversions

Conversions Part 1

Format	Color
Hex	5C9774
RGB	92, 151, 116
RGB Percent	36%, 59%, 45%
CMY	0.6392, 0.4078, 0.5456
CMYK	0.39, 0.00, 0.23, 0.41
HSL	144°, 24%, 48%
HSV	144°, 39%, 59%
XYZ	18.6257, 25.6667, 20.4592
YIQ	129.3690, -23.9290, -23.3930

Conversions

Conversions Part 2

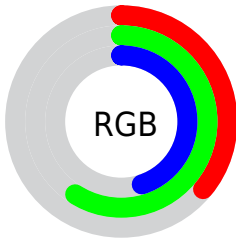
Format	Color
R_{YB}	92, 134, 151
Decimal	6068084
CIE _{Lab}	57.72, -27.33, 12.55
CIE _{LCh}	58, 30.078, 155.340
Yxy	25.6667, 0.2876, 0.3964
Android (android.graphics.Color)	4284258164 (0xFF5C9774)
YUV	129.3690, -6.5909, -32.7726
Hunter-Lab	50.6623, -23.0346, 11.5203

Details

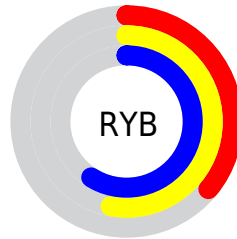
The RYB color **92, 134, 151** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **151, 92, 127**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **145, 189, 206**, and **41, 81, 100** is the 20% darker color. If you saturate the color by 10%, you get **77, 130, 151**, and if you desaturate by 10%, it is **107, 138, 151**.

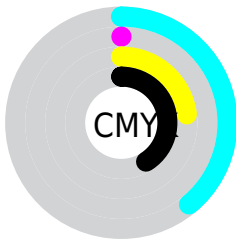
Distribution



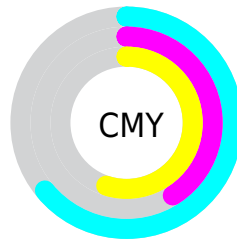
- Red (36%)
- Green (59%)
- Blue (45%)



- Red (36%)
- Yellow (53%)
- Blue (59%)



- Cyan (39%)
- Magenta (0%)
- Yellow (23%)
- Black (41%)



- Cyan (64%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 134, 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 92, 134, 151 by changing the saturation by 10% instead.



92, 134, 151



92, 134, 151

255, 255, 255



67, 108, 125



145, 189, 206



41, 81, 100



172, 217, 234



13, 54, 75



200, 239, 255



0, 36, 52



228, 242, 255



0, 32, 32



0, 0, 0



92, 134, 151



92, 134, 151



77, 130, 151



107, 138, 151



62, 125, 151



122, 143, 151

■ 47, 121, 151

■ 137, 147, 151

■ 32, 117, 151

■ 152, 151, 152

■ 17, 113, 151

■ 168, 151, 161

■ 1, 108, 151

■ 183, 151, 170

■ 0, 108, 151

■ 198, 151, 179

■ 213, 151, 188

■ 228, 151, 197

Harmonies

Analogous

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



95, 146, 117



92, 134, 151



59, 109, 153

Triad

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



92, 134, 151



109, 131, 191



188, 124, 110

Complementary

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



92, 134, 151



151, 92, 127

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.



189, 118, 135



92, 134, 151



148, 130, 182

Square

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



92, 134, 151



67, 115, 186



176, 122, 161



175, 164, 91

Rectangle

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



92, 134, 151



43, 99, 160



176, 122, 161



190, 120, 117

Sweetspot

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



92, 134, 151



173, 190, 196



92, 151, 116



86, 95, 99



227, 227, 227



99, 99, 99

Same Dimension

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



92, 134, 151



104, 170, 196



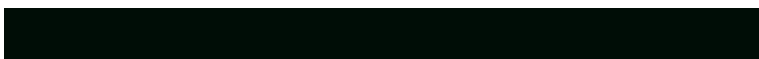
92, 123, 151



69, 75, 77



0, 99, 140



0, 9, 13

Inverse Universe

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



151, 92, 127



196, 104, 159



151, 92, 98



77, 69, 73



140, 0, 83



13, 0, 8

Previews

White Background



This preview shows how the RYB color 92, 134, 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 92, 134, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

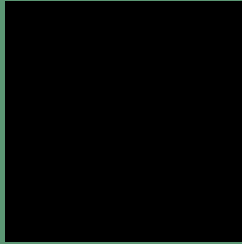
Any Text WCAG AA ✓ Pass

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 92, 134, 151 Background



This preview shows how black text looks on a background with the RYB color 92, 134, 151.

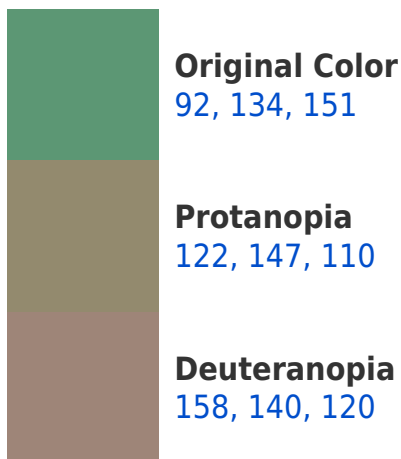


This preview shows how white text looks on a background with the RYB color 92, 134, 151.

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
101, 126, 157

Trichromacy



Original Color
92, 134, 151

Protanomaly
112, 143, 128

Deuteranomaly
119, 140, 125

Tritanomaly
98, 124, 147

Monochromacy



Original Color
92, 134, 151

Achromatopsia
129, 129, 129

Achromatomaly
116, 131, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 134, 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(92, 151, 116)` looks like.

```
.text, #text, p{  
    color:rgb(92, 151, 116)  
}
```

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(92, 151, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 151, 116) }
```

Border

The CSS property to change the border of an element to RYB 92, 134, 151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

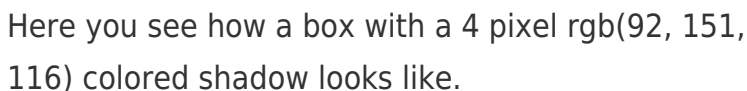
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 151, 116) }
```

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

```
.border{ border-color:rgb(92, 151, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 151, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 151, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 151, 116);  
box-shadow:4px 4px 4px 4px rgb(92, 151,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 92, 134, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 151, 116) }
```

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

```
.background{ background-color: rgb(92, 151,  
116) }
```

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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