

Converting Colors

`RYB(90, 155, 152)`

Have a look what the booklet for
RYB(90, 155, 152) contains.

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Color

R_YB(90, 155, 152)

Conversions

Conversions Part 1

Format	Color
Hex	5D9B5A
RGB	93, 155, 90
RGB Percent	36%, 61%, 35%
CMY	0.6353, 0.3922, 0.6471
CMYK	0.40, 0.00, 0.42, 0.39
HSL	117°, 27%, 48%
HSV	117°, 42%, 61%
XYZ	18.0810, 26.5080, 13.8365
YIQ	129.0520, -16.0870, -33.3590

Conversions

Conversions Part 2

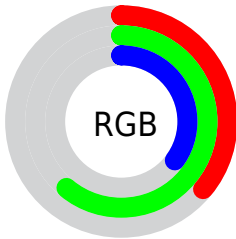
Format	Color
R_{YB}	90, 155, 152
Decimal	6134618
CIE _{Lab}	58.52, -33.63, 27.93
CIE _{LCh}	59, 43.712, 140.293
Yxy	26.5080, 0.3095, 0.4537
Android (android.graphics.Color)	4284324698 (0xFF5D9B5A)
YUV	129.0520, -19.2526, -31.6176
Hunter-Lab	51.4860, -27.4142, 20.1064

Details

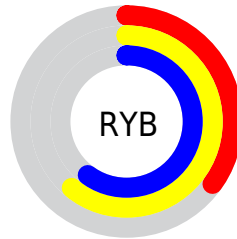
The RYB color **90, 155, 152** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **152, 90, 155**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **141, 210, 205**, and **41, 101, 103** is the 20% darker color. If you saturate the color by 10%, you get **75, 155, 152**, and if you desaturate by 10%, it is **106, 155, 153**.

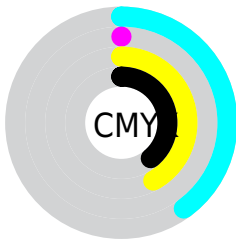
Distribution



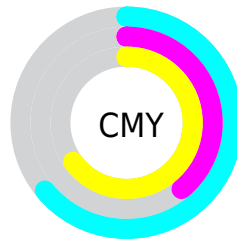
- Red (36%)
- Green (61%)
- Blue (35%)



- Red (35%)
- Yellow (61%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (42%)
- Black (39%)



- Cyan (64%)
- Magenta (39%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 90, 155, 152 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 90, 155, 152 by changing the saturation by 10% instead.



90, 155, 152



90, 155, 152

255, 255, 255



66, 129, 128



141, 210, 205



41, 101, 103



168, 238, 232



9, 69, 79



195, 255, 248



0, 55, 55



223, 255, 248



0, 35, 35



252, 255, 252



0, 0, 0



90, 155, 152



90, 155, 152



75, 155, 152



106, 155, 153



59, 155, 151



121, 155, 153

■ 44, 155, 150

■ 137, 155, 155

■ 28, 155, 149

■ 152, 155, 155

■ 13, 155, 149

■ 167, 155, 168

■ 0, 155, 148

■ 182, 155, 183

■ 196, 155, 199

■ 211, 155, 214

■ 226, 155, 229

Harmonies

Analogous

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



66, 147, 75



90, 155, 152



7, 92, 159

Triad

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



90, 155, 152



28, 101, 216



213, 110, 116

Complementary

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



90, 155, 152



152, 90, 155

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.



205, 110, 155



90, 155, 152



124, 135, 213

Square

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



90, 155, 152



0, 88, 199



176, 121, 190



201, 137, 83

Rectangle

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



90, 155, 152



0, 82, 160



176, 121, 190



213, 108, 129

Sweetspot

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



90, 155, 152



175, 201, 200



93, 155, 90



86, 102, 102



230, 230, 230



102, 102, 102

Same Dimension

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



90, 155, 152



101, 201, 197



90, 135, 155



69, 77, 77



0, 140, 134



0, 13, 12

Inverse Universe

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



152, 90, 155



197, 101, 201



155, 90, 126



76, 69, 77



134, 0, 140



12, 0, 13

Previews

White Background



This preview shows how the RYB color 90, 155, 152 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 90, 155, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

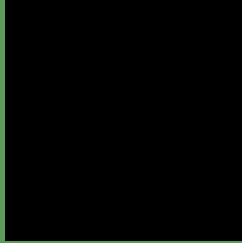
Any Text WCAG AA ✓ Pass

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](#).

R Y B 90, 155, 152 Background



This preview shows how black text looks on a background with the RYB color 90, 155, 152.

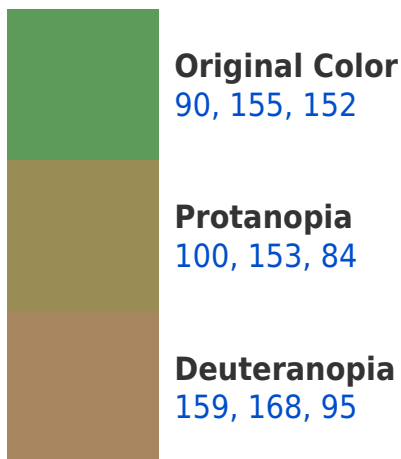


This preview shows how white text looks on a background with the RYB color 90, 155, 152.

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
106, 129, 159

Trichromacy



Original Color
90, 155, 152

Protanomaly
86, 145, 100

Deuteranomaly
93, 142, 94

Tritanomaly
101, 130, 150

Monochromacy



Original Color
90, 155, 152

Achromatopsia
129, 129, 129

Achromatomaly
115, 138, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 90, 155, 152 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(93, 155, 90)` looks like.

```
.text, #text, p{  
    color:rgb(93, 155, 90)  
}
```

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(93, 155, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 155, 90) }
```

Border

The CSS property to change the border of an element to RYB 90, 155, 152 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(93, 155, 90) }
```

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

```
.border{ border-color:rgb(93, 155, 90) }
```

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

Here you see how a box with a 4 pixel rgb(93, 155, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 155, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 155, 90);  
box-shadow:4px 4px 4px 4px rgb(93, 155,  
90) }
```

Background

The CSS property to change the background color of an element to RYB 90, 155, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 155, 90) }
```

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

```
.background{ background-color: rgb(93, 155,  
90) }
```

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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