

Converting Colors

`RYB(90, 150, 118)`

Have a look what the booklet for
RYB(90, 150, 118) contains.

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Color

R_YB(90, 150, 118)

Conversions

Conversions Part 1

Format	Color
Hex	7A965A
RGB	122, 150, 90
RGB Percent	48%, 59%, 35%
CMY	0.5216, 0.4118, 0.6471
CMYK	0.19, 0.00, 0.40, 0.41
HSL	88°, 25%, 47%
HSV	88°, 40%, 59%
XYZ	20.7778, 26.6885, 13.7291
YIQ	134.7880, 2.5720, -24.5960

Conversions

Conversions Part 2

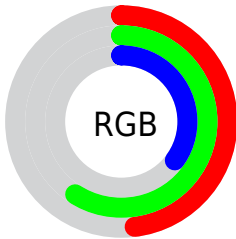
Format	Color
R_{YB}	90, 150, 118
Decimal	8033882
CIE _{Lab}	58.68, -20.72, 28.48
CIE _{LCh}	59, 35.215, 126.034
Yxy	26.6885, 0.3395, 0.4361
Android (android.graphics.Color)	4286223962 (0xFF7A965A)
YUV	134.7880, -22.0805, -11.2151
Hunter-Lab	51.6609, -18.6143, 20.4060

Details

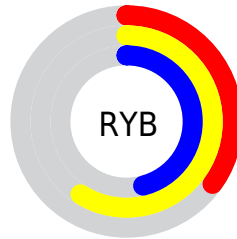
The RYB color **90, 150, 118** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **118, 90, 150**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **141, 204, 170**, and **43, 99, 70** is the 20% darker color. If you saturate the color by 10%, you get **75, 150, 110**, and if you desaturate by 10%, it is **105, 150, 126**.

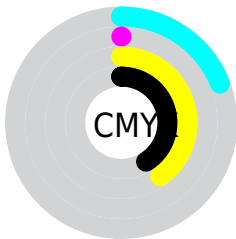
Distribution



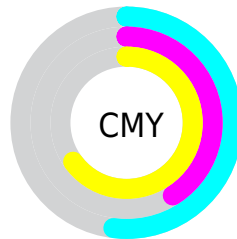
- Red (48%)
- Green (59%)
- Blue (35%)



- Red (35%)
- Yellow (59%)
- Blue (46%)



- Cyan (19%)
- Magenta (0%)
- Yellow (40%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 90, 150, 118 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, 150, 118 by changing the saturation by 10% instead.



90, 150, 118



90, 150, 118

255, 255, 255



66, 124, 94



141, 204, 170



43, 99, 70



168, 232, 197



20, 75, 47



195, 255, 218



0, 52, 26



223, 255, 223



0, 32, 32



252, 255, 252



0, 0, 0



90, 150, 118



90, 150, 118



75, 150, 110



105, 150, 126



60, 150, 102



120, 150, 134

■ 45, 150, 94

■ 135, 150, 142

■ 30, 150, 86

■ 150, 150, 150

■ 15, 150, 78

■ 157, 150, 165

■ 0, 150, 70

■ 164, 150, 180

■ 171, 150, 195

■ 178, 150, 210

■ 185, 150, 225

Harmonies

Analogous

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



96, 155, 79



90, 150, 118



83, 133, 155

Triad

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



90, 150, 118



43, 106, 197



200, 117, 136

Complementary

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



90, 150, 118



118, 90, 150

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.



185, 121, 167



90, 150, 118



105, 132, 202

Square

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



90, 150, 118



0, 83, 176



153, 131, 191



198, 124, 106

Rectangle

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



90, 150, 118



52, 110, 157



153, 131, 191



197, 117, 147

Sweetspot

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



90, 150, 118



171, 194, 182



150, 143, 90



83, 97, 89



224, 224, 224



97, 97, 97

Same Dimension

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



90, 150, 118



101, 194, 145



90, 150, 148



67, 74, 71



0, 138, 65



0, 10, 5

Inverse Universe

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



118, 90, 150



144, 101, 194



148, 90, 150



70, 67, 74



64, 0, 138



5, 0, 10

Previews

White Background



This preview shows how the RYB color 90, 150, 118 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, 150, 118 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, 150, 118 Background



This preview shows how black text looks on a background with the R/Y/B color 90, 150, 118.

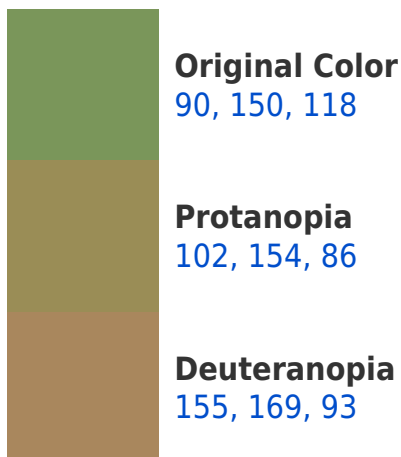


This preview shows how white text looks on a background with the R/Y/B color 90, 150, 118.

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
131, 138, 154

Trichromacy



Original Color
90, 150, 118

Protanomaly
87, 144, 89

Deuteranomaly
107, 152, 92

Tritanomaly
128, 142, 145

Monochromacy



Original Color
90, 150, 118

Achromatopsia
135, 135, 135

Achromatomaly
119, 140, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 90, 150, 118 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(122, 150, 90)` looks like.

```
.text, #text, p{  
    color:rgb(122, 150, 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(122, 150, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 150, 90) }
```

Border

The CSS property to change the border of an element to RYB 90, 150, 118 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(122, 150, 90) }
```

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

```
.border{ border-color:rgb(122, 150, 90) }
```

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

Here you see how a box with a 4 pixel rgb(122, 150, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 150, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 150, 90);  
box-shadow:4px 4px 4px 4px rgb(122, 150,  
90) }
```

Background

The CSS property to change the background color of an element to RYB 90, 150, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 150, 90) }
```

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

```
.background{ background-color: rgb(122,  
150, 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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