

Converting Colors

`RYB(90, 145, 149)`

Have a look what the booklet for
RYB(90, 145, 149) contains.

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Color

R_YB(90, 145, 149)

Conversions

Conversions Part 1

Format	Color
Hex	5A955E
RGB	90, 149, 94
RGB Percent	35%, 58%, 37%
CMY	0.6471, 0.4157, 0.6302
CMYK	0.40, 0.00, 0.37, 0.42
HSL	124°, 25%, 47%
HSV	124°, 40%, 58%
XYZ	16.9974, 24.4819, 14.4879
YIQ	125.0890, -17.5090, -29.6130

Conversions

Conversions Part 2

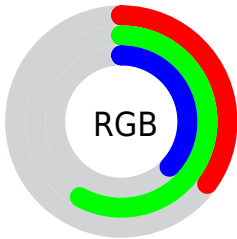
Format	Color
R_{YB}	90, 145, 149
Decimal	5936478
CIE _{Lab}	56.57, -31.09, 23.01
CIE _{LCh}	57, 38.680, 143.494
Yxy	24.4819, 0.3037, 0.4374
Android (android.graphics.Color)	4284126558 (0xFF5A955E)
YUV	125.0890, -15.3269, -30.7731
Hunter-Lab	49.4792, -25.2694, 17.2749

Details

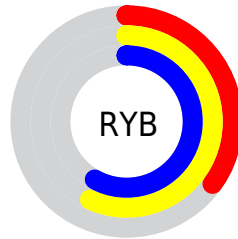
The RYB color **90, 145, 149** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **149, 90, 145**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **143, 202, 204**, and **39, 91, 98** is the 20% darker color. If you saturate the color by 10%, you get **75, 144, 149**, and if you desaturate by 10%, it is **105, 146, 149**.

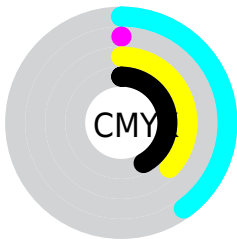
Distribution



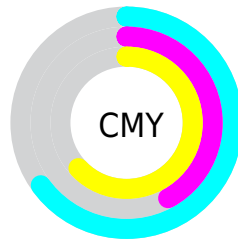
- Red (35%)
- Green (58%)
- Blue (37%)



- Red (35%)
- Yellow (57%)
- Blue (58%)



- Cyan (40%)
- Magenta (0%)
- Yellow (37%)
- Black (42%)



- Cyan (65%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 90, 145, 149 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, 145, 149 by changing the saturation by 10% instead.



90, 145, 149



90, 145, 149

255, 255, 255



64, 118, 123



143, 202, 204



39, 91, 98



170, 230, 232



8, 60, 73



198, 254, 255



0, 50, 50



226, 253, 255



0, 31, 31



0, 0, 0



90, 145, 149



90, 145, 149



75, 144, 149



105, 146, 149



60, 143, 149



120, 147, 149

■ 45, 142, 149

■ 135, 148, 149

■ 30, 141, 149

■ 150, 149, 150

■ 15, 140, 149

■ 165, 149, 163

■ 1, 140, 149

■ 179, 149, 177

■ 0, 139, 149

■ 194, 149, 191

■ 209, 149, 205

■ 224, 149, 219

Harmonies

Analogous

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



72, 142, 84



90, 145, 149



30, 99, 153

Triad

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



90, 145, 149



63, 113, 202



200, 110, 111

Complementary

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



90, 145, 149



149, 90, 145

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.



195, 109, 144



90, 145, 149



127, 130, 197

Square

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



90, 145, 149



0, 83, 189



171, 117, 176



188, 138, 83

Rectangle

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



90, 145, 149



0, 77, 153



171, 117, 176



200, 108, 122

Sweetspot

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



90, 145, 149



171, 193, 194



90, 149, 94



83, 96, 97



224, 224, 224



97, 97, 97

Same Dimension

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



90, 145, 149



101, 187, 194



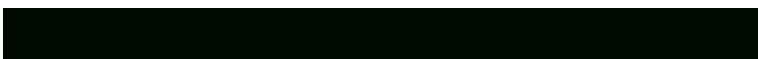
90, 128, 149



67, 74, 74



0, 129, 138



0, 9, 10

Inverse Universe

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



149, 90, 145



194, 101, 187



149, 90, 116



74, 67, 73



138, 0, 128



10, 0, 9

Previews

White Background



This preview shows how the RYB color 90, 145, 149 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, 145, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

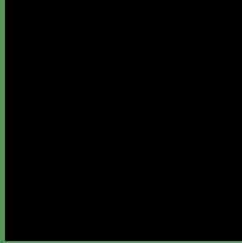
Any Text WCAG AA ✓ Pass

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, 145, 149 Background



This preview shows how black text looks on a background with the RYB color 90, 145, 149.

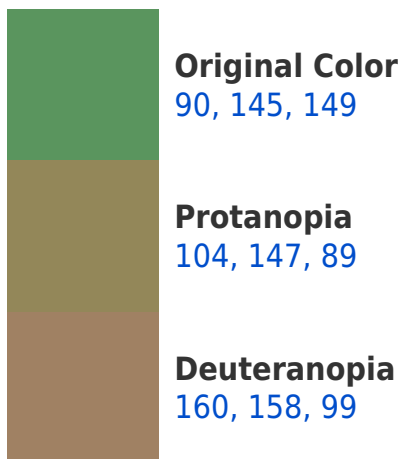


This preview shows how white text looks on a background with the RYB color 90, 145, 149.

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
102, 124, 153

Trichromacy



Original Color
90, 145, 149

Protanomaly
91, 140, 105

Deuteranomaly
97, 136, 98

Tritanomaly
98, 125, 145

Monochromacy



Original Color
90, 145, 149

Achromatopsia
125, 125, 125

Achromatomaly
112, 132, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 90, 145, 149 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(90, 149, 94)` looks like.

```
.text, #text, p{  
    color:rgb(90, 149, 94)  
}
```

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(90, 149, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 149, 94) }
```

Border

The CSS property to change the border of an element to RYB 90, 145, 149 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(90, 149, 94) }
```

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

```
.border{ border-color:rgb(90, 149, 94) }
```

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

Here you see how a box with a 4 pixel rgb(90, 149, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 149, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 149, 94);  
box-shadow:4px 4px 4px 4px rgb(90, 149,  
94) }
```

Background

The CSS property to change the background color of an element to RYB 90, 145, 149 is called "background".

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

```
.background, #background, body{  
background: rgb(90, 149, 94) }
```

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

```
.background{ background-color: rgb(90, 149,  
94) }
```

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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