

Converting Colors

`RYB(107, 149, 169)`

Have a look what the booklet for
RYB(107, 149, 169) contains.

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Color

R_YB(107, 149, 169)

Conversions

Conversions Part 1

Format	Color
Hex	6BA989
RGB	107, 169, 137
RGB Percent	42%, 66%, 54%
CMY	0.5804, 0.3373, 0.4646
CMYK	0.37, 0.00, 0.19, 0.34
HSL	149°, 26%, 54%
HSV	149°, 37%, 66%
XYZ	24.7326, 33.2942, 28.6111
YIQ	146.8140, -26.6800, -23.0960

Conversions

Conversions Part 2

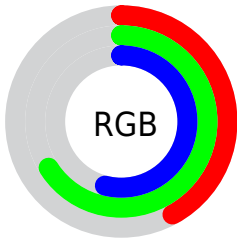
Format	Color
RYB	107, 149, 169
Decimal	7055753
CIELab	64.40, -27.33, 10.52
CIELCh	64, 29.285, 158.955
Yxy	33.2942, 0.2855, 0.3843
Android (android.graphics.Color)	4285245833 (0xFF6BA989)
YUV	146.8140, -4.8383, -34.9169
Hunter-Lab	57.7012, -24.4660, 10.9919

Details

The RYB color **107, 149, 169** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **169, 107, 139**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **160, 204, 225**, and **56, 96, 116** is the 20% darker color. If you saturate the color by 10%, you get **90, 143, 169**, and if you desaturate by 10%, it is **124, 155, 169**.

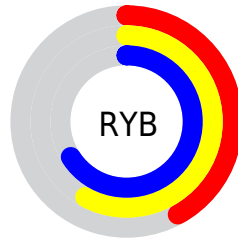
Distribution



Red (42%)

Green (66%)

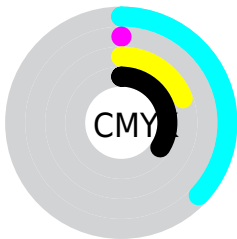
Blue (54%)



Red (42%)

Yellow (58%)

Blue (66%)

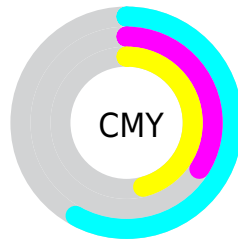


Cyan (37%)

Magenta (0%)

Yellow (19%)

Black (34%)



Cyan (58%)

Magenta (34%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 149, 169 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 107, 149, 169 by changing the saturation by 10% instead.

 107, 149, 169

255, 255, 255


 160, 204, 225

 188, 232, 253

 216, 238, 255

 245, 250, 255

 107, 149, 169

 81, 122, 142

 56, 96, 116

 29, 70, 92


 0, 42, 68

 0, 31, 45


 0, 24, 24


 0, 0, 0


 107, 149, 169


 90, 143, 169

 107, 149, 169


 124, 155, 169

 73, 138, 169


 141, 160, 169


 56, 132, 169

 158, 166, 169


 39, 127, 169

 175, 169, 172

 22, 122, 169

 191, 169, 181

 6, 117, 169

 208, 169, 190

 0, 115, 169

 225, 169, 198

 242, 169, 207

 255, 169, 216

Harmonies

Analogous

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



115, 164, 141



107, 149, 169



79, 127, 171

Triad

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



107, 149, 169



133, 151, 207



205, 144, 124

Complementary

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



107, 149, 169



169, 107, 139

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.



208, 136, 149



107, 149, 169



170, 147, 197

Square

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



107, 149, 169



94, 137, 204



196, 139, 175



190, 186, 108

Rectangle

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



107, 149, 169



70, 123, 181



196, 139, 175



208, 139, 132

Sweetspot

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



107, 149, 169



195, 211, 219



107, 169, 136



95, 105, 110



237, 237, 237



110, 110, 110

Same Dimension

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



107, 149, 169



123, 188, 219



107, 139, 169



76, 81, 84



0, 100, 148



0, 13, 20

Inverse Universe

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



169, 107, 139



219, 123, 173



169, 107, 109



84, 76, 80



148, 0, 77



20, 0, 11

Previews

White Background



This preview shows how the RYB color 107, 149, 169 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 107, 149, 169 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 107, 149, 169 Background



This preview shows how black text looks on a background with the RYB color 107, 149, 169.

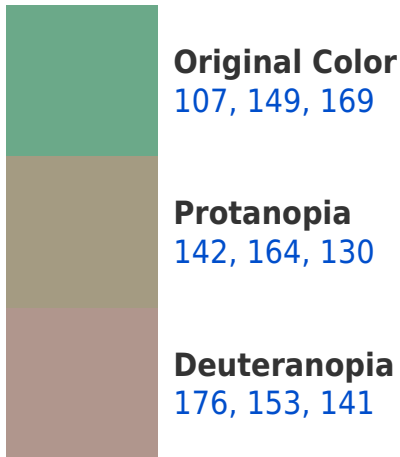



This preview shows how white text looks on a background with the RYB color 107, 149, 169.

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
116, 143, 177

Trichromacy



Original Color
107, 149, 169

Protanomaly
132, 160, 149

Deuteranomaly
139, 157, 145

Tritanomaly
113, 140, 165

Monochromacy



Original Color
107, 149, 169

Achromatopsia
147, 147, 147

Achromatomaly
132, 148, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 149, 169 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(107, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(107, 169, 137)  
}
```

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(107, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 169, 137) }
```

Border

The CSS property to change the border of an element to RYB 107, 149, 169 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(107, 169, 137) }
```

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

```
.border{ border-color:rgb(107, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 169, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 169, 137);  
box-shadow:4px 4px 4px 4px rgb(107, 169,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 107, 149, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 169, 137) }
```

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

```
.background{ background-color: rgb(107,  
169, 137) }
```

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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