

Converting Colors

`RYB(106, 169, 150)`

Have a look what the booklet for
RYB(106, 169, 150) contains.

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Color

R_YB(106, 169, 150)

Conversions

Conversions Part 1

Format	Color
Hex	7DA96A
RGB	125, 169, 106
RGB Percent	49%, 66%, 42%
CMY	0.5098, 0.3373, 0.5843
CMYK	0.26, 0.00, 0.37, 0.34
HSL	102°, 27%, 54%
HSV	102°, 37%, 66%
XYZ	25.2469, 33.7765, 18.8245
YIQ	148.6620, -6.0010, -28.9210

Conversions

Conversions Part 2

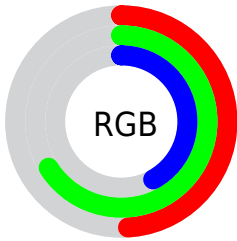
Format	Color
RYB	106, 169, 150
Decimal	8235370
CIELab	64.78, -26.80, 27.87
CIELCh	65, 38.663, 133.881
Yxy	33.7765, 0.3243, 0.4339
Android (android.graphics.Color)	4286425450 (0xFF7DA96A)
YUV	148.6620, -21.0324, -20.7516
Hunter-Lab	58.1176, -24.1633, 21.4780

Details

The RYB color **106, 169, 150** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **150, 106, 169**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **158, 224, 203**, and **58, 117, 101** is the 20% darker color. If you saturate the color by 10%, you get **89, 169, 145**, and if you desaturate by 10%, it is **123, 169, 155**.

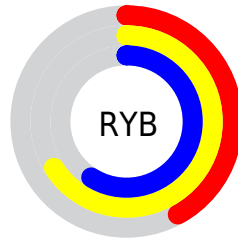
Distribution



Red (49%)

Green (66%)

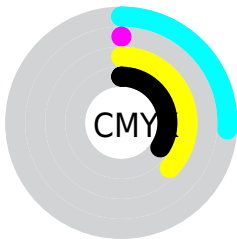
Blue (42%)



Red (42%)

Yellow (66%)

Blue (59%)

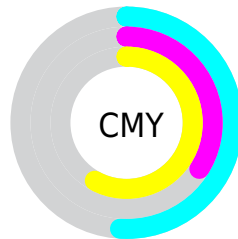


Cyan (26%)

Magenta (0%)

Yellow (37%)

Black (34%)



Cyan (51%)

Magenta (34%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 106, 169, 150 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 106, 169, 150 by changing the saturation by 10% instead.

 106, 169, 150

255, 255, 255


 158, 224, 203


 185, 253, 231

 213, 255, 233

 241, 255, 241

 106, 169, 150

 81, 142, 124

 58, 117, 101

 35, 92, 78


 12, 68, 55

 0, 45, 43

 0, 25, 25


 0, 0, 0


 106, 169, 150


 89, 169, 145

 106, 169, 150


 123, 169, 155

 72, 169, 140


 140, 169, 160

 55, 169, 134

 157, 169, 166


 38, 169, 129

 172, 169, 174

 21, 169, 124

 184, 169, 190


 5, 169, 120

 196, 169, 207

 0, 169, 118

 208, 169, 224

 219, 169, 241

 231, 169, 255

Harmonies

Analogous

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



92, 163, 89



106, 169, 150



79, 138, 174

Triad

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



106, 169, 150



66, 127, 223



224, 130, 142

Complementary

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



106, 169, 150



150, 106, 169

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.



212, 132, 177



106, 169, 150



132, 150, 224

Square

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



106, 169, 150



0, 94, 204



181, 142, 207



217, 145, 111

Rectangle

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



106, 169, 150



37, 110, 175



181, 142, 207



222, 130, 154

Sweetspot

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



106, 169, 150



195, 219, 212



135, 169, 106



95, 110, 105



237, 237, 237



110, 110, 110

Same Dimension

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



106, 169, 150



121, 219, 190



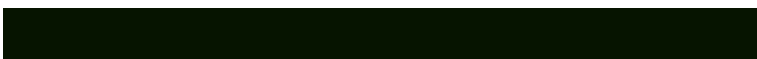
106, 159, 169



76, 84, 82



0, 148, 103



0, 20, 14

Inverse Universe

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



150, 106, 169



190, 121, 219



169, 106, 157



82, 76, 84



103, 0, 148



14, 0, 20

Previews

White Background



This preview shows how the RYB color 106, 169, 150 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 106, 169, 150 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 106, 169, 150 Background



This preview shows how black text looks on a background with the RYB color 106, 169, 150.

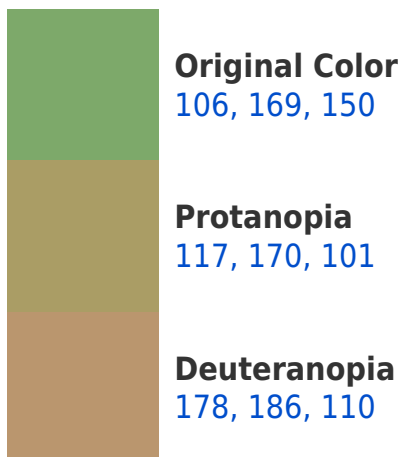


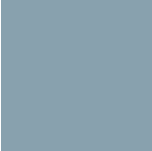
This preview shows how white text looks on a background with the RYB color 106, 169, 150.

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
136, 151, 174

Trichromacy



Original Color

106, 169, 150

Protanomaly

103, 161, 110

Deuteranomaly

117, 164, 109

Tritanomaly

132, 153, 164

Monochromacy



Original Color

106, 169, 150

Achromatopsia

149, 149, 149

Achromatomaly

133, 156, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 106, 169, 150 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(125, 169, 106)` looks like.

```
.text, #text, p{  
    color:rgb(125, 169, 106)  
}
```

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(125, 169, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 169, 106) }
```

Border

The CSS property to change the border of an element to RYB 106, 169, 150 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(125, 169, 106) }
```

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

```
.border{ border-color:rgb(125, 169, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 169, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 169, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 169, 106);  
box-shadow:4px 4px 4px 4px rgb(125, 169,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 106, 169, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 169, 106) }
```

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

```
.background{ background-color: rgb(125,  
169, 106) }
```

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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