

Converting Colors

`RYB(150, 189, 170)`

Have a look what the booklet for
RYB(150, 189, 170) contains.

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Color

`RYB(150, 189, 170)`

Conversions

Conversions Part 1

Format	Color
Hex	A9BD96
RGB	169, 189, 150
RGB Percent	66%, 74%, 59%
CMY	0.3373, 0.2588, 0.4118
CMYK	0.11, 0.00, 0.21, 0.26
HSL	91°, 23%, 66%
HSV	91°, 21%, 74%
XYZ	40.0648, 47.0322, 35.8206
YIQ	178.5740, 0.5990, -16.3690

Conversions

Conversions Part 2

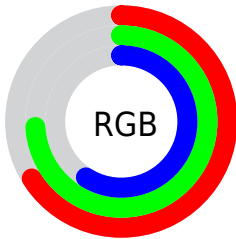
Format	Color
RYB	150, 189, 170
Decimal	11124118
CIELab	74.21, -13.94, 17.47
CIElCh	74, 22.350, 128.592
Yxy	47.0322, 0.3259, 0.3826
Android (android.graphics.Color)	4289314198 (0xFFA9BD96)
YUV	178.5740, -14.0870, -8.3964
Hunter-Lab	68.5800, -15.7345, 17.0377

Details

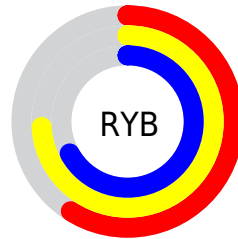
The RYB color **150, 189, 170** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **170, 150, 189**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **204, 245, 225**, and **99, 136, 118** is the 20% darker color. If you saturate the color by 10%, you get **131, 189, 161**, and if you desaturate by 10%, it is **169, 189, 179**.

Distribution



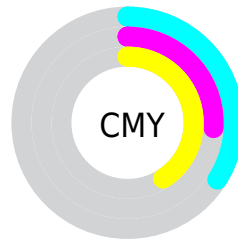
- Red (66%)
- Green (74%)
- Blue (59%)



- Red (59%)
- Yellow (74%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (21%)
- Black (26%)



- Cyan (34%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 189, 170 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 150, 189, 170 by changing the saturation by 10% instead.


 150, 189, 170


255, 255, 255

 204, 245, 225

 232, 255, 234

 150, 189, 170

 124, 162, 144

 99, 136, 118

 75, 110, 93

 52, 86, 70

 30, 63, 48


 7, 41, 24

 0, 21, 21


 0, 0, 0


 150, 189, 170


 150, 189, 170

 131, 189, 161


 169, 189, 179

 112, 189, 151


 188, 189, 189

 93, 189, 142


 198, 189, 207

 74, 189, 133


 208, 189, 226

 56, 189, 124


 217, 189, 245

 37, 189, 115

 227, 189, 255

 18, 189, 106

 237, 189, 255

 0, 189, 97

 247, 189, 255

 255, 189, 255

Harmonies

Analogous

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



153, 192, 142



150, 189, 170



146, 178, 193

Triad

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



150, 189, 170



140, 170, 220



224, 168, 177

Complementary

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



150, 189, 170



170, 150, 189

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.



214, 170, 198



150, 189, 170



166, 178, 223

Square

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



150, 189, 170



126, 163, 207



193, 175, 215



223, 173, 158

Rectangle

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



150, 189, 170



134, 168, 194



193, 175, 215



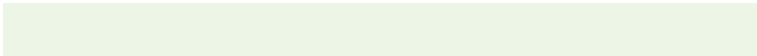
222, 168, 184

Sweetspot

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



150, 189, 170



230, 245, 238



187, 189, 150



114, 122, 118



250, 250, 250



122, 122, 122

Same Dimension

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



150, 189, 170



184, 245, 216



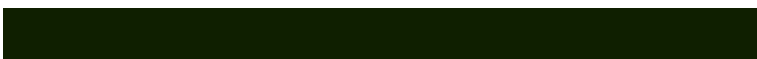
150, 189, 189



85, 94, 89



0, 158, 81



0, 31, 16

Inverse Universe

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



170, 150, 189



215, 184, 245



189, 150, 189



90, 85, 94



81, 0, 158



16, 0, 31

Previews

White Background



This preview shows how the RYB color 150, 189, 170 looks on a white background.

Color Contrast Check

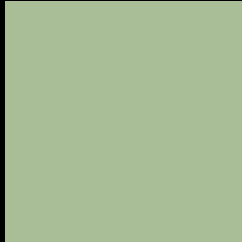
Large Text (above 18pt) WCAG AA × Fail

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 150, 189, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

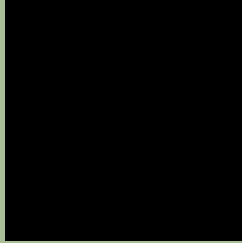
Any Text WCAG AA ✓ Pass

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 150, 189, 170 Background



This preview shows how black text looks on a background with the RYB color 150, 189, 170.



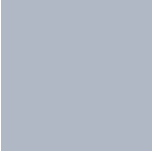
This preview shows how white text looks on a background with the RYB color 150, 189, 170.

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
176, 181, 197

Trichromacy



Original Color
150, 189, 170

Protanomaly
148, 185, 149

Deuteranomaly
175, 195, 152

Tritanomaly
173, 181, 185

Monochromacy



Original Color
150, 189, 170

Achromatopsia
179, 179, 179

Achromatomaly
168, 183, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 189, 170 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(169, 189, 150)` looks like.

```
.text, #text, p{  
    color:rgb(169, 189, 150)  
}
```

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(169, 189, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 189, 150) }
```

Border

The CSS property to change the border of an element to RYB 150, 189, 170 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(169, 189, 150) }
```

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

```
.border{ border-color:rgb(169, 189, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 189, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 189, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 189, 150);  
box-shadow:4px 4px 4px 4px rgb(169, 189,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 150, 189, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 189, 150) }
```

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

```
.background{ background-color: rgb(169,  
189, 150) }
```

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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