

Converting Colors

`RYB(98, 148, 170)`

Have a look what the booklet for
RYB(98, 148, 170) contains.

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Color

RYB(98, 148, 170)

Conversions

Conversions Part 1

Format	Color
Hex	62AA82
RGB	98, 170, 130
RGB Percent	38%, 67%, 51%
CMY	0.6157, 0.3333, 0.4915
CMYK	0.42, 0.00, 0.24, 0.33
HSL	146°, 30%, 53%
HSV	146°, 42%, 67%
XYZ	23.4195, 32.9492, 26.1322
YIQ	143.9120, -30.0720, -27.7040

Conversions

Conversions Part 2

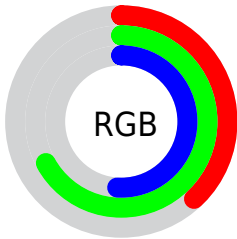
Format	Color
RYB	98, 148, 170
Decimal	6466178
CIELab	64.12, -31.88, 13.85
CIElCh	64, 34.761, 156.523
Yxy	32.9492, 0.2839, 0.3994
Android (android.graphics.Color)	4284656258 (0xFF62AA82)
YUV	143.9120, -6.8586, -40.2648
Hunter-Lab	57.4014, -27.6253, 13.1891

Details

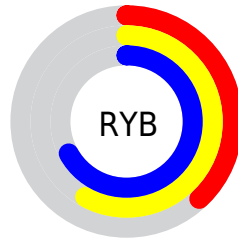
The RYB color **98, 148, 170** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **170, 98, 138**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **152, 204, 226**, and **45, 93, 117** is the 20% darker color. If you saturate the color by 10%, you get **81, 143, 170**, and if you desaturate by 10%, it is **115, 153, 170**.

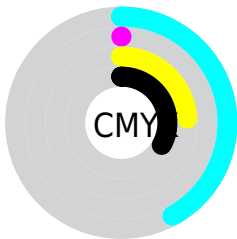
Distribution



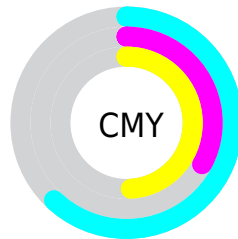
- Red (38%)
- Green (67%)
- Blue (51%)



- Red (38%)
- Yellow (58%)
- Blue (67%)



- Cyan (42%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 148, 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 98, 148, 170 by changing the saturation by 10% instead.



98, 148, 170



98, 148, 170

255, 255, 255



72, 121, 143



152, 204, 226



45, 93, 117



180, 234, 255



13, 64, 92



208, 236, 255



0, 45, 68



237, 246, 255



0, 34, 45



0, 23, 23



0, 0, 0



98, 148, 170




98, 148, 170





81, 143, 170





115, 153, 170


 64, 137, 170


 132, 158, 170

 47, 132, 170


 149, 164, 170


 30, 127, 170

 166, 169, 170

 13, 122, 170


 183, 170, 177

 0, 118, 170

 200, 170, 187

 217, 170, 196

 234, 170, 206

 251, 170, 215

Harmonies

Analogous

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



104, 164, 132



98, 148, 170



55, 116, 172

Triad

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



98, 148, 170



122, 147, 217



213, 138, 120

Complementary

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



98, 148, 170



170, 98, 138

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.



215, 131, 150



98, 148, 170



168, 145, 205

Square

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



98, 148, 170



68, 126, 212



200, 135, 181



196, 186, 99

Rectangle

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



98, 148, 170



28, 102, 182



200, 135, 181



215, 133, 129

Sweetspot

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



98, 148, 170



193, 213, 222



98, 170, 129



94, 106, 112



240, 240, 240



112, 112, 112

Same Dimension

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



98, 148, 170



109, 188, 222



98, 135, 170



76, 82, 84



0, 103, 148



0, 14, 20

Inverse Universe

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



170, 98, 138



222, 109, 172



170, 98, 103



84, 76, 80



148, 0, 83



20, 0, 11

Previews

White Background



This preview shows how the RYB color 98, 148, 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 98, 148, 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 98, 148, 170 Background



This preview shows how black text looks on a background with the RYB color 98, 148, 170.

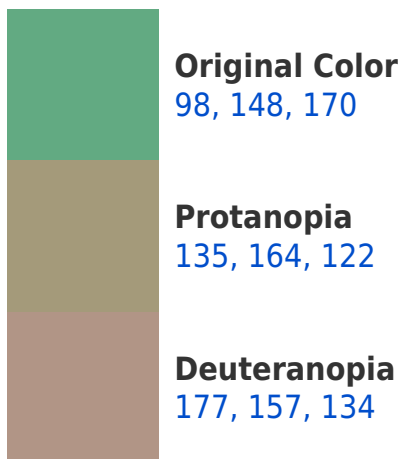



This preview shows how white text looks on a background with the RYB color 98, 148, 170.

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
109, 139, 177

Trichromacy



Original Color
98, 148, 170

Protanomaly
125, 160, 145

Deuteranomaly
132, 157, 141

Tritanomaly
105, 137, 166

Monochromacy



Original Color
98, 148, 170

Achromatopsia
144, 144, 144

Achromatomaly
127, 145, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 148, 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(98, 170, 130)` looks like.

```
.text, #text, p{  
    color:rgb(98, 170, 130)  
}
```

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(98, 170, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 170, 130) }
```

Border

The CSS property to change the border of an element to RYB 98, 148, 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(98, 170, 130) }
```

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

```
.border{ border-color:rgb(98, 170, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 170, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 170, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 170, 130);  
box-shadow:4px 4px 4px 4px rgb(98, 170,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 98, 148, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 170, 130) }
```

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

```
.background{ background-color: rgb(98, 170,  
130) }
```

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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