

Converting Colors

`RYB(97, 140, 198)`

Have a look what the booklet for RYB(97, 140, 198) contains.

RYB(97, 140, 198)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(97, 140, 198)

Conversions

Conversions Part 1

Format	Color
Hex	61ACC6
RGB	97, 172, 198
RGB Percent	38%, 67%, 78%
CMY	0.6196, 0.3260, 0.2235
CMYK	0.51, 0.13, 0.00, 0.22
HSL	196°, 47%, 58%
HSV	196°, 51%, 78%
XYZ	29.8524, 36.0777, 58.8164
YIQ	152.5390, -53.0460, -7.8140

Conversions

Conversions Part 2

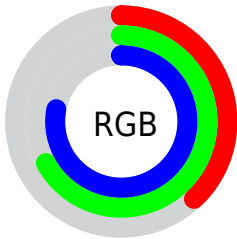
Format	Color
RYB	97, 140, 198
Decimal	6401222
CIELab	66.58, -16.07, -20.51
CIELCh	67, 26.053, 231.910
Yxy	36.0777, 0.2393, 0.2892
Android (android.graphics.Color)	4284591302 (0xFF61ACC6)
YUV	152.5390, 22.4123, -48.7077
Hunter-Lab	60.0647, -16.3982, -16.0124

Details

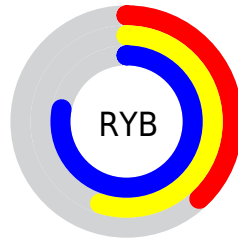
The RYB color **97, 140, 198** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **198, 132, 97**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **154, 196, 255**, and **35, 83, 144** is the 20% darker color. If you saturate the color by 10%, you get **77, 129, 198**, and if you desaturate by 10%, it is **117, 151, 198**.

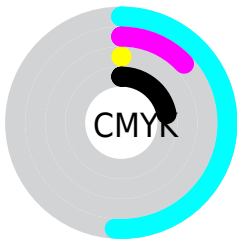
Distribution



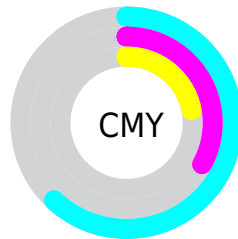
- Red (38%)
- Green (67%)
- Blue (78%)



- Red (38%)
- Yellow (55%)
- Blue (78%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)




- Cyan (62%)
- Magenta (33%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the RYB color 97, 140, 198 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 97, 140, 198 by changing the saturation by 10% instead.

 97, 140, 198


255, 255, 255


 154, 196, 255

 182, 219, 255

 211, 233, 255

 241, 248, 255

 97, 140, 198


 68, 112, 171

 35, 83, 144

 0, 53, 118


 0, 40, 94


 0, 28, 70

 0, 18, 47

 0, 1, 27

 0, 0, 0

 97, 140, 198

 97, 140, 198

■ 77, 129, 198

■ 117, 151, 198

■ 57, 117, 198

■ 137, 163, 198

■ 38, 106, 198

■ 156, 174, 198

■ 18, 94, 198

■ 176, 185, 198

■ 0, 84, 198

■ 196, 197, 198

■ 216, 205, 198

■ 236, 212, 198

■ 255, 218, 198

■ 255, 229, 198

Harmonies

Analogous

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



92, 134, 179



97, 140, 198



124, 152, 208

Triad

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



97, 140, 198



204, 145, 169



118, 166, 123

Complementary

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



97, 140, 198



198, 132, 97

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.



160, 185, 116



97, 140, 198



209, 146, 146

Square

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



97, 140, 198



186, 150, 191



202, 163, 126



132, 172, 170

Rectangle

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



97, 140, 198



146, 158, 207



202, 163, 126



123, 169, 116

Sweetspot

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



97, 140, 198



217, 233, 255



97, 178, 198



105, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



97, 140, 198



99, 166, 255



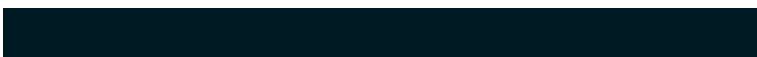
97, 117, 198



90, 94, 99



0, 69, 163



0, 15, 36

Inverse Universe

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



198, 97, 172



255, 99, 215



130, 198, 97



99, 90, 97



163, 0, 121



36, 0, 26

Previews

White Background



This preview shows how the RYB color 97, 140, 198 looks on a white background.

Color Contrast Check

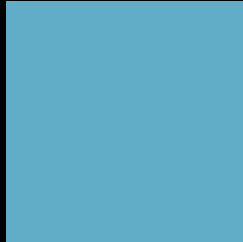
Large Text (above 18pt) WCAG AA × Fail

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 97, 140, 198 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](#).

R Y B 97, 140, 198 Background



This preview shows how black text looks on a background with the RYB color 97, 140, 198.

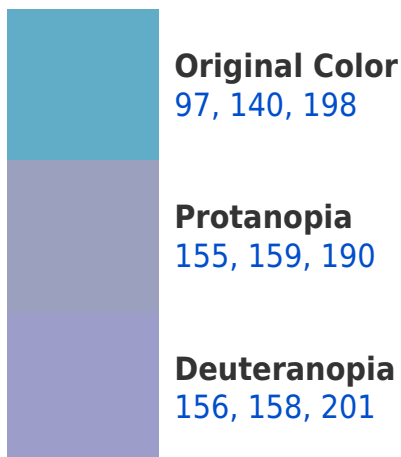


This preview shows how white text looks on a background with the RYB color 97, 140, 198.

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](#).

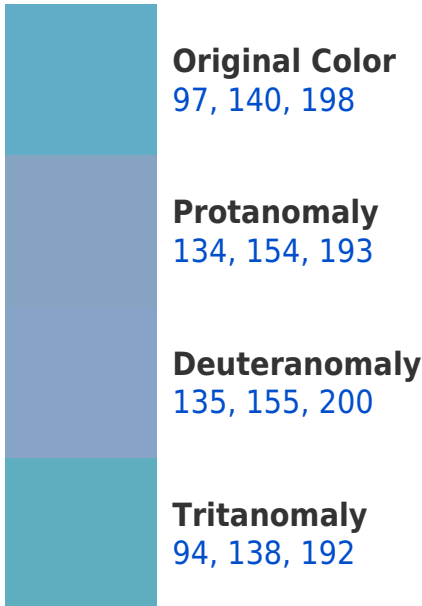
Dichromacy



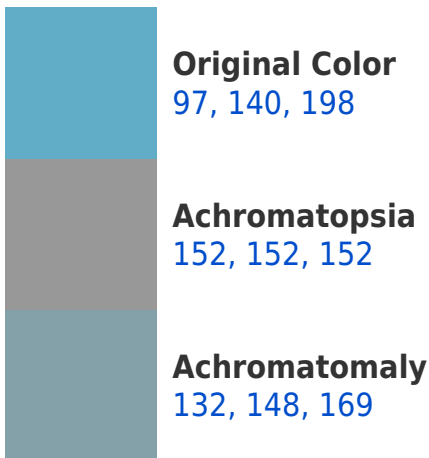


Tritanopia
93, 137, 188

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 140, 198 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(97, 172, 198)` looks like.

```
.text, #text, p{  
    color:rgb(97, 172, 198)  
}
```

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(97, 172, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 172, 198) }
```

Border

The CSS property to change the border of an element to RYB 97, 140, 198 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(97, 172, 198) }
```

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

```
.border{ border-color:rgb(97, 172, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 172, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 172, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 172, 198);  
box-shadow:4px 4px 4px 4px rgb(97, 172,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 97, 140, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 172, 198) }
```

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

```
.background{ background-color: rgb(97, 172,  
198) }
```

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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