

Converting Colors

`RYB(97, 172, 194)`

Have a look what the booklet for
RYB(97, 172, 194) contains.

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Color

R_YB(97, 172, 194)

Conversions

Conversions Part 1

Format	Color
Hex	61C27D
RGB	97, 194, 125
RGB Percent	38%, 76%, 49%
CMY	0.6196, 0.2392, 0.5080
CMYK	0.50, 0.00, 0.35, 0.24
HSL	138°, 44%, 57%
HSV	138°, 50%, 76%
XYZ	27.9523, 42.6172, 26.3069
YIQ	157.1310, -35.6630, -42.0230

Conversions

Conversions Part 2

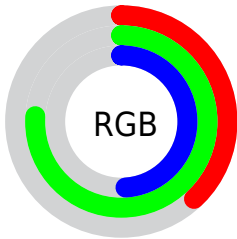
Format	Color
RYB	97, 172, 194
Decimal	6406781
CIELab	71.29, -43.77, 25.94
CIELCh	71, 50.876, 149.343
Yxy	42.6172, 0.2885, 0.4399
Android (android.graphics.Color)	4284596861 (0xFF61C27D)
YUV	157.1310, -15.8406, -52.7349
Hunter-Lab	65.2819, -37.8135, 21.8050

Details

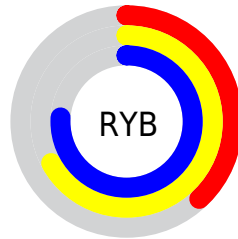
The RYB color **97, 172, 194** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **194, 97, 166**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **153, 231, 251**, and **37, 112, 140** is the 20% darker color. If you saturate the color by 10%, you get **78, 168, 194**, and if you desaturate by 10%, it is **116, 176, 194**.

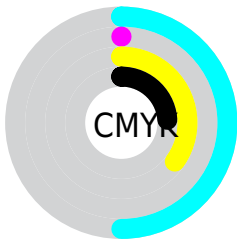
Distribution



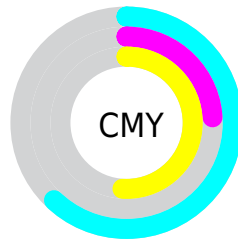
- Red (38%)
- Green (76%)
- Blue (49%)



- Red (38%)
- Yellow (67%)
- Blue (76%)



- Cyan (50%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)





- Cyan (62%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 97, 172, 194 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, 172, 194 by changing the saturation by 10% instead.


 97, 172, 194

 97, 172, 194

255, 255, 255

 68, 142, 166

 153, 230, 251

 37, 112, 140

 182, 237, 255

 0, 77, 113

 211, 239, 255

 0, 66, 88


 240, 248, 255


 0, 59, 64


 0, 42, 42

 0, 9, 9


 0, 0, 0


 97, 172, 194


 97, 172, 194

 78, 168, 194


 116, 176, 194

 58, 163, 194

 136, 181, 194


 39, 159, 194

 155, 185, 194

 19, 154, 194


 175, 190, 194


 0, 150, 194

 194, 194, 194

 213, 194, 208

 233, 194, 221

 252, 194, 235

 255, 194, 249

Harmonies

Analogous

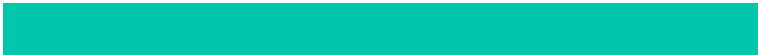
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91, 185, 120



97, 172, 194



0, 106, 198

Triad

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



97, 172, 194



88, 147, 255



255, 141, 132

Complementary

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



97, 172, 194



194, 97, 166

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.



255, 136, 177



97, 172, 194



176, 163, 255

Square

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



97, 172, 194



0, 109, 253



231, 145, 223



239, 198, 95

Rectangle

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



97, 172, 194



0, 100, 204



231, 145, 223



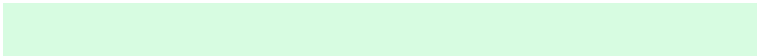
255, 137, 146

Sweetspot

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



97, 172, 194



215, 244, 252



97, 194, 124



105, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



97, 172, 194



101, 218, 252



97, 151, 194



87, 95, 97



0, 125, 161



0, 25, 33

Inverse Universe

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



194, 97, 166



252, 101, 208



194, 97, 118



97, 87, 94



161, 0, 114



33, 0, 23

Previews

White Background



This preview shows how the RYB color 97, 172, 194 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, 172, 194 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 97, 172, 194 Background



This preview shows how black text looks on a background with the RYB color 97, 172, 194.

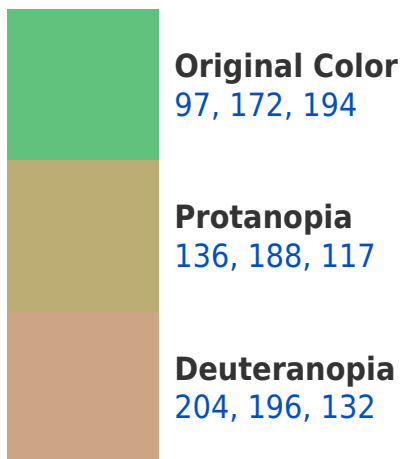


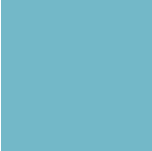
This preview shows how white text looks on a background with the RYB color 97, 172, 194.

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
115, 153, 200

Trichromacy



Original Color

97, 172, 194



Protanomaly

120, 181, 146



Deuteranomaly

130, 176, 141



Tritanomaly

108, 152, 188

Monochromacy



Original Color

97, 172, 194



Achromatopsia

157, 157, 157



Achromatomaly

135, 162, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 172, 194 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, 194, 125)` looks like.

```
.text, #text, p{  
    color:rgb(97, 194, 125)  
}
```

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, 194, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 194, 125) }
```

Border

The CSS property to change the border of an element to RYB 97, 172, 194 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, 194, 125) }
```

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

```
.border{ border-color:rgb(97, 194, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 194, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 194, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 194, 125);  
box-shadow:4px 4px 4px 4px rgb(97, 194,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 97, 172, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 194, 125) }
```

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

```
.background{ background-color: rgb(97, 194,  
125) }
```

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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