

Converting Colors

RGB(91, 170, 157)

Have a look what the booklet for
RGB(91, 170, 157) contains.

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Color

RGB(91, 170, 157)

Conversions

Conversions Part 1

Format	Color
Hex	5BAA9D
RGB	91, 170, 157
RGB Percent	36%, 67%, 62%
CMY	0.6431, 0.3333, 0.3843
CMYK	0.46, 0.00, 0.08, 0.33
HSL	170°, 32%, 51%
HSV	170°, 46%, 67%
XYZ	24.7749, 33.4079, 37.0409
YIQ	144.8970, -42.9110, -20.7910

Conversions

Conversions Part 2

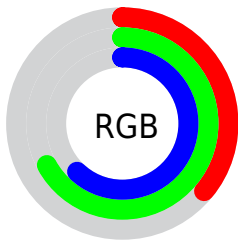
Format	Color
RYB	91, 134, 170
Decimal	6007453
CIELab	64.49, -27.54, -0.84
CIELCh	64, 27.557, 181.749
Yxy	33.4079, 0.2602, 0.3508
Android (android.graphics.Color)	4284197533 (0xFF5BAA9D)
YUV	144.8970, 5.9668, -47.2677
Hunter-Lab	57.7996, -24.6380, 2.4637

Details

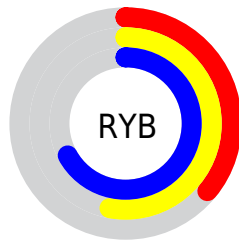
The RGB color **91, 170, 157** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **170, 91, 104**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **146, 226, 211**, and **34, 117, 106** is the 20% darker color. If you saturate the color by 10%, you get **74, 170, 154**, and if you desaturate by 10%, it is **108, 170, 160**.

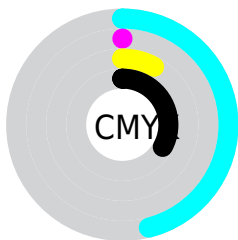
Distribution



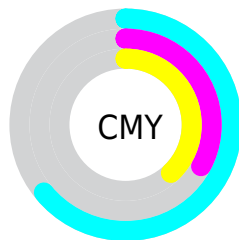
- Red (36%)
- Green (67%)
- Blue (62%)



- Red (36%)
- Yellow (53%)
- Blue (67%)



- Cyan (46%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (64%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 170, 157 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 RGB color 91, 170, 157 by changing the saturation by 10% instead.



91, 170, 157



91, 170, 157

255, 255, 255



63, 143, 131



146, 226, 211



34, 117, 106



174, 254, 240



0, 92, 82



202, 255, 255



0, 68, 59



231, 255, 255



0, 45, 37



0, 25, 16



0, 0, 0



91, 170, 157



91, 170, 157



74, 170, 154



108, 170, 160

■ 57, 170, 151

■ 125, 170, 163

■ 40, 170, 149

■ 142, 170, 165

■ 23, 170, 146

■ 159, 170, 168

■ 6, 170, 143

■ 176, 170, 171

■ 0, 170, 142

■ 193, 170, 174

■ 210, 170, 177

■ 227, 170, 179

■ 244, 170, 182

Harmonies

Analogous

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



117, 168, 132



91, 170, 157



78, 169, 181

Triad

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



91, 170, 157



162, 150, 198



193, 147, 114

Complementary

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



91, 170, 157



170, 91, 104

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.



205, 140, 132



91, 170, 157



189, 142, 180

Square

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



91, 170, 157



127, 158, 205



204, 138, 156



172, 155, 107

Rectangle

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



91, 170, 157



85, 167, 194



204, 138, 156



198, 144, 119

Sweetspot

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



91, 170, 157



191, 222, 217



104, 170, 91



93, 112, 109



240, 240, 240



112, 112, 112

Same Dimension

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



91, 170, 157



98, 222, 201



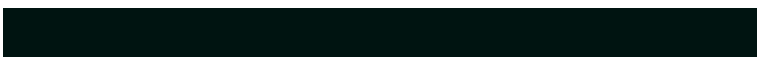
91, 144, 170



76, 84, 83



0, 148, 124



0, 20, 17

Inverse Universe

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



170, 91, 104



222, 98, 118



170, 117, 91



84, 76, 77



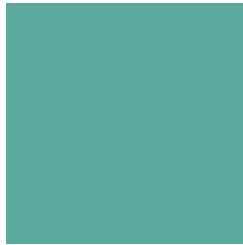
148, 0, 24



20, 0, 3

Previews

White Background



This preview shows how the RGB color 91, 170, 157 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 RGB color 91, 170, 157 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](#).

RGB 91, 170, 157 Background



This preview shows how black text looks on a background with the RGB color 91, 170, 157.

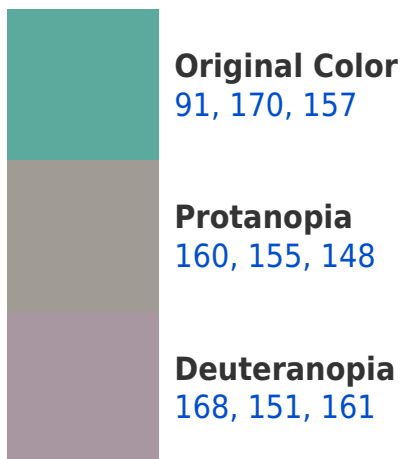


This preview shows how white text looks on a background with the RGB color 91, 170, 157.

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





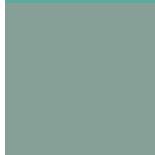
Tritanopia
98, 167, 180

Trichromacy



Original Color

91, 170, 157



Protanomaly

135, 160, 151



Deuteranomaly

140, 158, 160



Tritanomaly

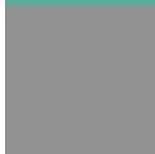
95, 168, 172

Monochromacy



Original Color

91, 170, 157



Achromatopsia

145, 145, 145



Achromatomaly

125, 154, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 170, 157 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(91, 170, 157)` looks like.

```
.text, #text, p{  
    color:rgb(91, 170, 157)  
}
```

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(91, 170, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 170, 157) }
```

Border

The CSS property to change the border of an element to RGB 91, 170, 157 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(91, 170, 157) }
```

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

```
.border{ border-color:rgb(91, 170, 157) }
```

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

Here you see how a box with a 4 pixel rgb(91, 170, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 170, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 170, 157);  
box-shadow:4px 4px 4px 4px rgb(91, 170,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 91, 170, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 170, 157) }
```

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

```
.background{ background-color: rgb(91, 170,  
157) }
```

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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