Converting Colors

RGB(90, 173, 174)

Have a look what the booklet for RGB(90, 173, 174) contains.

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Color

RGB(90, 173, 174)

Conversions

Conversions Part 1

Format	Color
Hex	5AADAE
RGB	90, 173, 174
RGB Percent	35%, 68%, 68%
CMY	0.6471, 0.3216, 0.3176
CMYK	0.48, 0.01, 0.00, 0.32
HSL	181°, 34%, 52%
HSV	181°, 48%, 68%
XYZ	26.8000, 35.1168, 45.4101
YIQ	148.2970, -49.7890, -17.2850

Conversions

Conversions Part 2

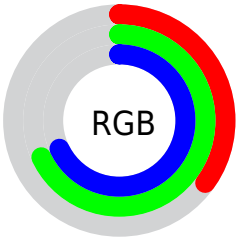
Format	Color
RYB	90, 132, 174
Decimal	5942702
CIELab	65.84, -24.89, -8.32
CIELCh	66, 26.241, 198.494
Yxy	35.1168, 0.2497, 0.3272
Android (android.graphics.Color)	4284132782 (0xFF5AADAE)
YUV	148.2970, 12.6716, -51.1265
Hunter-Lab	59.2594, -22.9776, -3.9519

Details

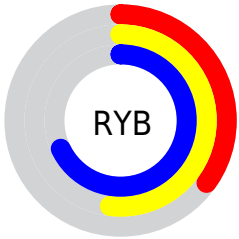
The RGB color 90, 173, 174 is a dark color, and the websafe version is hex 339999. A complement of this color would be 174, 91, 90, and the grayscale version is 148, 148, 148.

A 20% lighter version of the original color is 146, 229, 229, and 28, 120, 122 is the 20% darker color. If you saturate the color by 10%, you get 73, 173, 174, and if you desaturate by 10%, it is 107, 173, 174.

Distribution

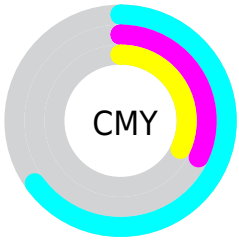


- Red (35%)
- Green (68%)
- Blue (68%)



- Red (35%)
- Yellow (52%)
- Blue (68%)

- Cyan (48%)
- Magenta (1%)
- Yellow (0%)
- Black (32%)



- Cyan (65%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 173, 174 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 90, 173, 174 by changing the saturation by 10% instead.

90, 173, 174	90, 173, 174
255, 255, 255	61, 146, 147
146, 229, 229	28, 120, 122
174, 255, 255	0, 95, 97
203, 255, 255	0, 71, 73
232, 255, 255	0, 48, 51
	0, 29, 30
	0, 0, 3
	0, 0, 0

90, 173, 174	90, 173, 174

73, 173, 174

55, 173, 174

38, 172, 174

20, 172, 174

3, 172, 174

0, 172, 174

107, 173, 174

125, 173, 174

142, 174, 174

160, 174, 174

177, 174, 174

194, 174, 174

212, 174, 174

229, 175, 174

247, 175, 174

Harmonies

Analogous

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

109, 172, 150

90, 173, 174

92, 170, 194

Triad

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

90, 173, 174

181, 149, 191

185, 155, 114

Complementary

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

90, 173, 174

174, 91, 90

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.

202, 148, 126

90, 173, 174

201, 144, 170

Square

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

90, 173, 174

151, 157, 204

208, 143, 146

162, 163, 115

Rectangle

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

90, 173, 174

107, 167, 203

208, 143, 146

192, 153, 117

Sweetspot

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

90, 173, 174

195, 227, 227

90, 174, 90

95, 115, 115

242, 242, 242

115, 115, 115

Same Dimension

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

90, 173, 174

95, 225, 227

90, 132, 174

78, 87, 87

0, 149, 150

0, 23, 23

Inverse Universe

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

174, 90, 173

227, 95, 225

174, 132, 90

87, 78, 87

150, 0, 149

23, 0, 23

Previews

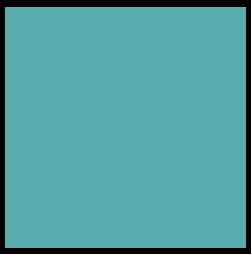
White Background

This preview shows how the RGB color 90, 173, 174 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



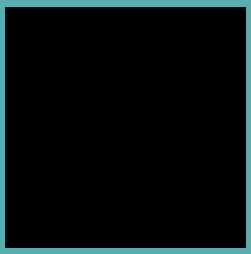
This preview shows how the RGB color 90, 173, 174 looks on a black background.

Color Contrast Check

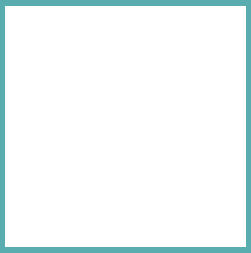
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 90, 173, 174 Background



This preview shows how black text looks on a background with the RGB color 90, 173, 174.



This preview shows how white text looks on a background with the RGB color 90, 173, 174.

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

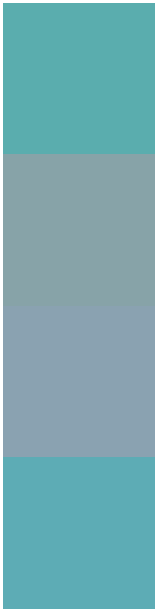
Original Color
90, 173, 174

Protanopia
160, 158, 165

Deuteranopia
166, 155, 178

Tritanopia
94, 171, 185

Trichromacy



Original Color
90, 173, 174

Protanomaly
135, 163, 168

Deuteranomaly
138, 162, 177

Tritanomaly
93, 172, 181

Monochromacy

Original Color
90, 173, 174

Achromatopsia
148, 148, 148

Achromatomaly
127, 157, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 173, 174 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(90, 173, 174) looks like.

```
.text, #text, p{
    color:rgb(90, 173, 174)
}
```

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(90, 173, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 173, 174) }
```

Border

The CSS property to change the border of an element to RGB 90, 173, 174 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(90, 173, 174) }
```

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

```
.border{ border-color:rgb(90, 173, 174) }
```

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

Here you see how a box with a 4 pixel rgb(90, 173, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(90, 173, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(90, 173, 174); box-shadow:4px 4px 4px 4px rgb(90, 173, 174) }
```

Background

The CSS property to change the background color of an element to RGB 90, 173, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(90, 173, 174) }
```

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

```
.background{ background-color:rgb(90, 173,
174) }
```

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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