Converting Colors

RGB(115, 173, 155)

Have a look what the booklet for RGB(115, 173, 155) contains.

Color

RGB(115, 173, 155)

Conversions

Conversions Part 1

Format	Color
Hex	73AD9B
RGB	115, 173, 155
RGB Percent	45%, 68%, 61%
CMY	0.5490, 0.3216, 0.3922
CMYK	0.34, 0.00, 0.10, 0.32
HSL	161°, 26%, 56%
HSV	161°, 34%, 68%
XYZ	27.9302, 35.8985, 36.4674
YIQ	153.6060, -28.7900, -17.8940

Conversions

Conversions Part 2

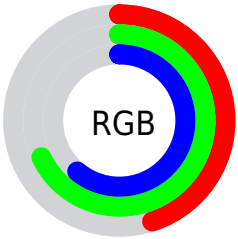
Format	Color
RYB	115, 149, 173
Decimal	7581083
CIELab	66.44, -22.94, 3.25
CIELCh	66, 23.168, 171.937
Yxy	35.8985, 0.2785, 0.3579
Android (android.graphics.Color)	4285771163 (0xFF73AD9B)
YUV	153.6060, 0.6872, -33.8575
Hunter-Lab	59.9154, -21.6423, 5.8540

Details

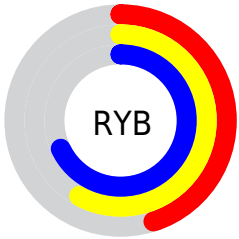
The RGB color 115, 173, 155 is a dark color, and the websafe version is hex 669999. A complement of this color would be 173, 115, 133, and the grayscale version is 154, 154, 154.

A 20% lighter version of the original color is 169, 229, 209, and 64, 120, 104 is the 20% darker color. If you saturate the color by 10%, you get 98, 173, 150, and if you desaturate by 10%, it is 132, 173, 160.

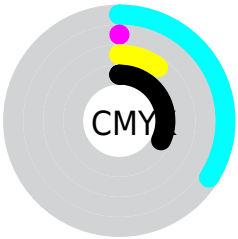
Distribution



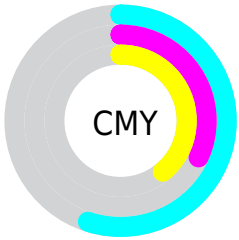
- Red (45%)
- Green (68%)
- Blue (61%)



- Red (45%)
- Yellow (58%)
- Blue (68%)



- Cyan (34%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)



- Cyan (55%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 173, 155 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 115, 173, 155 by changing the saturation by 10% instead.

115, 173, 155

255, 255, 255

169, 229, 209

197, 255, 238

225, 255, 255

254, 255, 255

115, 173, 155

89, 146, 129

64, 120, 104

38, 95, 80

8, 71, 57

0, 48, 36

0, 29, 14

0, 0, 0

115, 173, 155

98, 173, 150

115, 173, 155

132, 173, 160

80, 173, 144

63, 173, 139

46, 173, 134

29, 173, 128

11, 173, 123

0, 173, 119

150, 173, 166

167, 173, 171

184, 173, 176

202, 173, 182

219, 173, 187

236, 173, 193

253, 173, 198

255, 173, 203

Harmonies

Analogous

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

137, 170, 135

115, 173, 155

102, 173, 176

Triad

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

115, 173, 155

157, 158, 200

198, 152, 130

Complementary

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

115, 173, 155

173, 115, 133

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.

204, 147, 147

115, 173, 155

183, 151, 187

Square

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

115, 173, 155

129, 165, 202

199, 147, 168

182, 158, 121

Rectangle

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

115, 173, 155

103, 172, 189

199, 147, 168

201, 150, 135

Sweetspot

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

115, 173, 155

202, 224, 217

133, 173, 115

99, 112, 108

240, 240, 240

112, 112, 112

Same Dimension

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

115, 173, 155

135, 224, 197

115, 162, 173

78, 87, 84

0, 150, 104

0, 23, 16

Inverse Universe

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

173, 115, 133

224, 135, 162

173, 126, 115

87, 78, 81

150, 0, 47

23, 0, 7

Previews

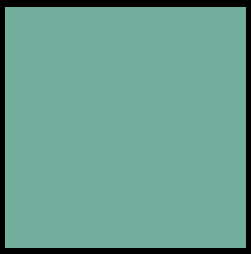
White Background

This preview shows how the RGB color 115, 173, 155 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



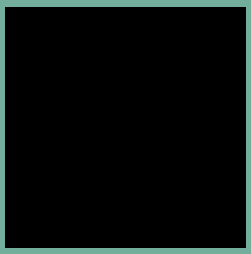
This preview shows how the RGB color 115, 173, 155 looks on a black background.

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 115, 173, 155 Background



This preview shows how black text looks on a background with the RGB color 115, 173, 155.

This preview shows how white text looks on a background with the RGB color 115, 173, 155.

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
115, 173, 155

Protanopia
167, 160, 148

Deuteranopia
177, 156, 159

Tritanopia
121, 169, 183

Trichromacy

Original Color
115, 173, 155

Protanomaly
148, 165, 151

Deuteranomaly
154, 162, 158

Tritanomaly
119, 170, 173

Monochromacy

Original Color
115, 173, 155

Achromatopsia
154, 154, 154

Achromatomaly
140, 161, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 173, 155 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(115, 173, 155) looks like.

```
.text, #text, p{
    color:rgb(115, 173, 155)
}
```

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(115, 173, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 173, 155) }
```

Border

The CSS property to change the border of an element to RGB 115, 173, 155 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(115, 173, 155) }
```

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

```
.border{ border-color:rgb(115, 173, 155) }
```

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

Here you see how a box with a 4 pixel rgb(115, 173, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 173, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 173, 155); box-shadow:4px 4px 4px 4px rgb(115, 173, 155) }
```

Background

The CSS property to change the background color of an element to RGB 115, 173, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(115, 173, 155) }
```

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

```
.background{ background-color:rgb(115,
173, 155) }
```

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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