

Converting Colors

RGB(103, 164, 170)

Have a look what the booklet for
RGB(103, 164, 170) contains.

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Color

RGB(103, 164, 170)

Conversions

Conversions Part 1

Format	Color
Hex	67A4AA
RGB	103, 164, 170
RGB Percent	40%, 64%, 67%
CMY	0.5961, 0.3569, 0.3333
CMYK	0.39, 0.04, 0.00, 0.33
HSL	185°, 28%, 54%
HSV	185°, 39%, 67%
XYZ	26.1247, 32.3368, 42.8949
YIQ	146.4450, -38.2820, -11.0660

Conversions

Conversions Part 2

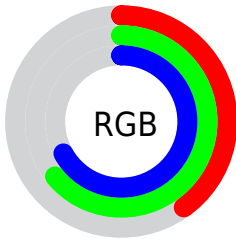
Format	Color
RYB	103, 135, 170
Decimal	6792362
CIELab	63.62, -18.10, -9.34
CIELCh	64, 20.365, 207.295
Yxy	32.3368, 0.2578, 0.3190
Android (android.graphics.Color)	4284982442 (0xFF67A4AA)
YUV	146.4450, 11.6126, -38.1013
Hunter-Lab	56.8654, -17.5094, -4.9180

Details

The RGB color **103, 164, 170** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **170, 109, 103**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **157, 219, 225**, and **50, 112, 118** is the 20% darker color. If you saturate the color by 10%, you get **86, 162, 170**, and if you desaturate by 10%, it is **120, 166, 170**.

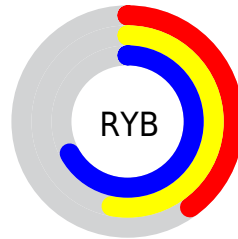
Distribution



Red (40%)

Green (64%)

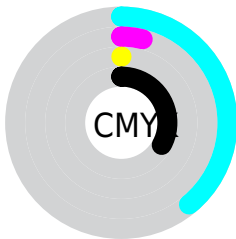
Blue (67%)



Red (40%)

Yellow (53%)

Blue (67%)

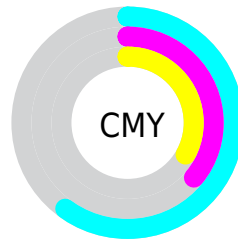


Cyan (39%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (60%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 164, 170 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 103, 164, 170 by changing the saturation by 10% instead.

 103, 164, 170

255, 255, 255


 157, 219, 225


 185, 248, 254

 213, 255, 255

 242, 255, 255

 103, 164, 170

 77, 138, 144

 50, 112, 118

 19, 87, 93


 0, 64, 70

 0, 42, 47

 0, 22, 27

 0, 0, 0

 103, 164, 170

 86, 162, 170

 103, 164, 170

 120, 166, 170

■ 69, 161, 170

■ 137, 167, 170

■ 52, 159, 170

■ 154, 169, 170

■ 35, 158, 170

■ 171, 170, 170

■ 18, 156, 170

■ 188, 172, 170

■ 1, 155, 170

■ 205, 173, 170

■ 0, 155, 170

■ 222, 175, 170

■ 239, 176, 170

■ 255, 178, 170

Harmonies

Analogous

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



111, 164, 152



103, 164, 170



110, 161, 184

Triad

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



103, 164, 170



176, 144, 174



169, 152, 118

Complementary

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



103, 164, 170



170, 109, 103

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.



184, 146, 124



103, 164, 170



189, 141, 156

Square

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



103, 164, 170



155, 150, 186



191, 142, 138



150, 158, 122

Rectangle

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



103, 164, 170



123, 158, 189



191, 142, 138



175, 150, 119

Sweetspot

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



103, 164, 170



195, 219, 222



103, 170, 109



96, 111, 112



240, 240, 240



112, 112, 112

Same Dimension

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



103, 164, 170



118, 213, 222



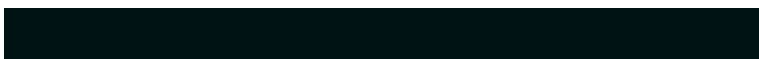
103, 131, 170



76, 83, 84



0, 135, 148



0, 19, 20

Inverse Universe

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



170, 103, 164



222, 118, 213



170, 142, 103



84, 76, 83



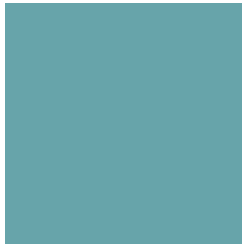
148, 0, 135



20, 0, 19

Previews

White Background



This preview shows how the RGB color 103, 164, 170 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 103, 164, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

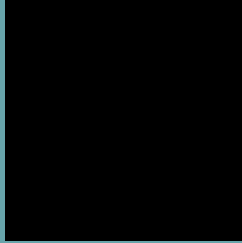
Any Text WCAG AA ✓ Pass

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 103, 164, 170 Background



This preview shows how black text looks on a background with the RGB color 103, 164, 170.



This preview shows how white text looks on a background with the RGB color 103, 164, 170.

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
103, 164, 170

Protanopia
153, 152, 163

Deuteranopia
159, 149, 173



Tritanopia
105, 163, 176

Trichromacy



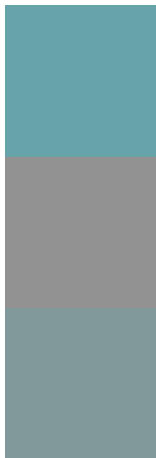
Original Color
103, 164, 170

Protanomaly
135, 156, 166

Deuteranomaly
139, 154, 172

Tritanomaly
104, 163, 174

Monochromacy



Original Color
103, 164, 170

Achromatopsia
146, 146, 146

Achromatomaly
130, 153, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 164, 170 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(103, 164, 170)` looks like.

```
.text, #text, p{  
    color:rgb(103, 164, 170)  
}
```

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(103, 164, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 164, 170) }
```

Border

The CSS property to change the border of an element to RGB 103, 164, 170 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(103, 164, 170) }
```

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

```
.border{ border-color:rgb(103, 164, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 164, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 164, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 164, 170);  
box-shadow:4px 4px 4px 4px rgb(103, 164,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 103, 164, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 164, 170) }
```

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

```
.background{ background-color: rgb(103,  
164, 170) }
```

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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