Converting Colors

RGB(125, 180, 170)

Have a look what the booklet for RGB(125, 180, 170) contains.

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Color

RGB(125, 180, 170)

Conversions

Conversions Part 1

Format	Color
Hex	7DB4AA
RGB	125, 180, 170
RGB Percent	49%, 71%, 67%
CMY	0.5098, 0.2941, 0.3333
CMYK	0.31, 0.00, 0.06, 0.29
HSL	169°, 27%, 60%
HSV	169°, 31%, 71%
XYZ	32.0344, 39.9048, 44.0442
YIQ	162.4150, -29.5700, -14.7700

Conversions

Conversions Part 2

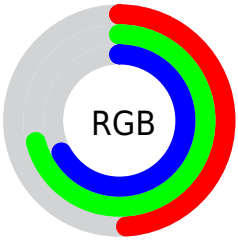
Format	Color
RYB	125, 155, 180
Decimal	8238250
CIELab	69.40, -20.15, -0.67
CIELCh	69, 20.162, 181.901
Yxy	39.9048, 0.2762, 0.3441
Android (android.graphics.Color)	4286428330 (0xFF7DB4AA)
YUV	162.4150, 3.7394, -32.8130
Hunter-Lab	63.1702, -20.0283, 2.8804

Details

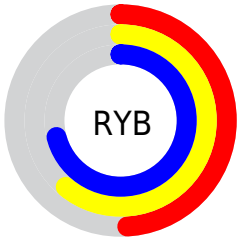
The RGB color 125, 180, 170 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 180, 125, 135, and the grayscale version is 162, 162, 162.

A 20% lighter version of the original color is 179, 236, 225, and 73, 127, 118 is the 20% darker color. If you saturate the color by 10%, you get 107, 180, 167, and if you desaturate by 10%, it is 143, 180, 173.

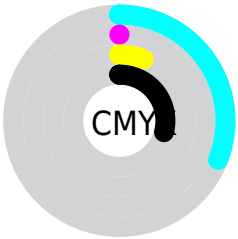
Distribution



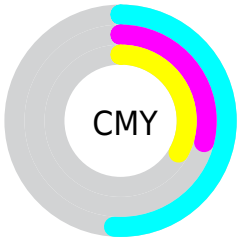
- Red (49%)
- Green (71%)
- Blue (67%)



- Red (49%)
- Yellow (61%)
- Blue (71%)



- Cyan (31%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 180, 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 125, 180, 170 by changing the saturation by 10% instead.

125, 180, 170	125, 180, 170
255, 255, 255	99, 153, 144
179, 236, 225	73, 127, 118
207, 255, 254	48, 102, 93
236, 255, 255	21, 78, 70
	0, 54, 47
	0, 33, 27
	0, 0, 0

125, 180, 170	125, 180, 170
107, 180, 167	143, 180, 173

89, 180, 163

71, 180, 160

53, 180, 157

35, 180, 154

17, 180, 150

0, 180, 147

161, 180, 177

179, 180, 180

197, 180, 183

215, 180, 186

233, 180, 190

251, 180, 193

255, 180, 196

255, 180, 199

Harmonies

Analogous

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

142, 178, 152

125, 180, 170

119, 179, 188

Triad

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

125, 180, 170

174, 164, 200

198, 163, 138

Complementary

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

125, 180, 170

180, 125, 135

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.

207, 158, 151

125, 180, 170

194, 159, 187

Square

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

125, 180, 170

150, 171, 206

206, 157, 169

182, 169, 133

Rectangle

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

125, 180, 170

124, 177, 198

206, 157, 169

202, 161, 141

Sweetspot

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

125, 180, 170

213, 235, 231

135, 180, 125

104, 117, 115

245, 245, 245

117, 117, 117

Same Dimension

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

125, 180, 170

148, 235, 219

125, 163, 180

80, 89, 88

0, 153, 125

0, 26, 21

Inverse Universe

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

180, 125, 135

235, 148, 164

180, 142, 125

89, 80, 82

153, 0, 28

26, 0, 5

Previews

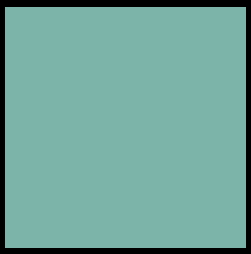
White Background

This preview shows how the RGB color 125, 180, 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



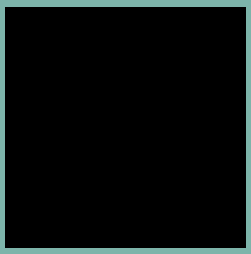
This preview shows how the RGB color 125, 180, 170 looks on a black background.

Color Contrast Check

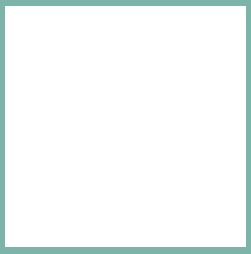
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 125, 180, 170 Background



This preview shows how black text looks on a background with the RGB color 125, 180, 170.



This preview shows how white text looks on a background with the RGB color 125, 180, 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

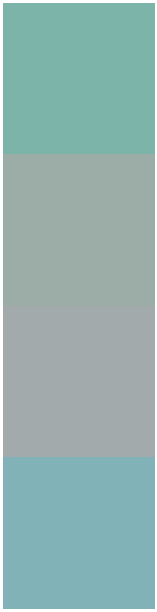
Original Color
125, 180, 170

Protanopia
173, 168, 163

Deuteranopia
183, 164, 173

Tritanopia
130, 177, 191

Trichromacy



Original Color
125, 180, 170

Protanomaly
156, 172, 166

Deuteranomaly
162, 170, 172

Tritanomaly
128, 178, 183

Monochromacy

Original Color
125, 180, 170

Achromatopsia
162, 162, 162

Achromatomaly
149, 169, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 180, 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(125, 180, 170) looks like.

```
.text, #text, p{
    color:rgb(125, 180, 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(125, 180, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 180, 170) }
```

Border

The CSS property to change the border of an element to RGB 125, 180, 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(125, 180, 170) }
```

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

```
.border{ border-color:rgb(125, 180, 170) }
```

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

Here you see how a box with a 4 pixel rgb(125, 180, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 180, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 180, 170); box-shadow:4px 4px 4px 4px rgb(125, 180, 170) }
```

Background

The CSS property to change the background color of an element to RGB 125, 180, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(125, 180, 170) }
```

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

```
.background{ background-color:rgb(125,
180, 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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