

Converting Colors

`RYB(59, 124, 171)`

Have a look what the booklet for
RYB(59, 124, 171) contains.

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Color

R_YB(59, 124, 171)

Conversions

Conversions Part 1

Format	Color
Hex	3BAB8C
RGB	59, 171, 140
RGB Percent	23%, 67%, 55%
CMY	0.7686, 0.3294, 0.4510
CMYK	0.65, 0.00, 0.18, 0.33
HSL	163°, 49%, 45%
HSV	163°, 65%, 67%
XYZ	21.0990, 31.9486, 29.8597
YIQ	133.9780, -56.8010, -33.3850

Conversions

Conversions Part 2

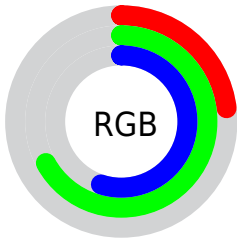
Format	Color
RYB	59, 124, 171
Decimal	3910540
CIELab	63.30, -39.07, 6.79
CIELCh	63, 39.651, 170.145
Yxy	31.9486, 0.2545, 0.3854
Android (android.graphics.Color)	4282100620 (0xFF3BAB8C)
YUV	133.9780, 2.9688, -65.7557
Hunter-Lab	56.5231, -32.2847, 8.2448

Details

The RYB color **59, 124, 171** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **171, 59, 90**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **119, 183, 227**, and **0, 67, 118** is the 20% darker color. If you saturate the color by 10%, you get **42, 117, 171**, and if you desaturate by 10%, it is **76, 131, 171**.

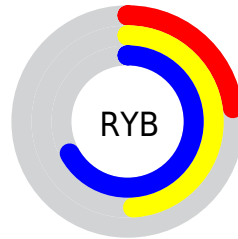
Distribution



Red (23%)

Green (67%)

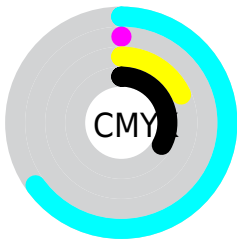
Blue (55%)



Red (23%)

Yellow (49%)

Blue (67%)

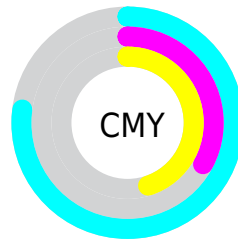


Cyan (65%)

Magenta (0%)

Yellow (18%)

Black (33%)



Cyan (77%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 59, 124, 171 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 RYB color 59, 124, 171 by changing the saturation by 10% instead.

 59, 124, 171  59, 124, 171

255, 255, 255  19, 90, 144

 119, 183, 227  0, 67, 118

 148, 212, 255  0, 54, 93

 177, 217, 255  0, 41, 68

 206, 231, 255  0, 29, 45

 235, 245, 255  0, 20, 20

 0, 0, 0

 59, 124, 171  59, 124, 171

 42, 117, 171  76, 131, 171

■ 25, 110, 171

■ 93, 138, 171

■ 8, 103, 171

■ 110, 145, 171

■ 0, 99, 171

■ 127, 152, 171

■ 144, 160, 171

■ 162, 167, 171

■ 179, 171, 173

■ 196, 171, 178

■ 213, 171, 183

Harmonies

Analogous

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



107, 167, 163



59, 124, 171



0, 87, 176

Triad

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



59, 124, 171



139, 147, 219



210, 151, 100

Complementary

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



59, 124, 171



171, 59, 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.



221, 126, 131



59, 124, 171



186, 135, 199

Square

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



59, 124, 171



73, 128, 222



214, 126, 166



146, 186, 83

Rectangle

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



59, 124, 171



0, 91, 198



214, 126, 166



216, 137, 109

Sweetspot

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



59, 124, 171



177, 203, 222



59, 171, 139



85, 101, 112



240, 240, 240



112, 112, 112

Same Dimension

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



59, 124, 171



47, 149, 222



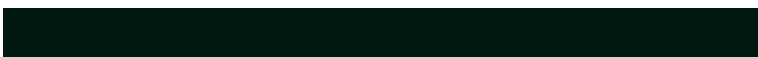
59, 108, 171



78, 83, 87



0, 87, 150



0, 13, 23

Inverse Universe

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



171, 59, 90



222, 47, 95



171, 90, 59



87, 78, 80



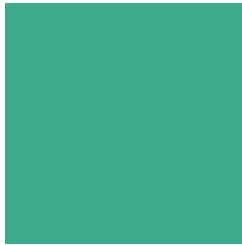
150, 0, 42



23, 0, 6

Previews

White Background



This preview shows how the RYB color 59, 124, 171 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 RYB color 59, 124, 171 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 59, 124, 171 Background



This preview shows how black text looks on a background with the RGB color 59, 124, 171.

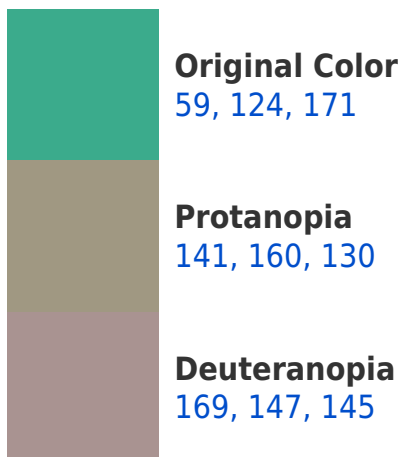


This preview shows how white text looks on a background with the RGB color 59, 124, 171.

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
75, 124, 179

Trichromacy



Original Color

59, 124, 171



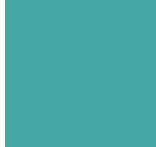
Protanomaly

123, 151, 159



Deuteranomaly

129, 147, 156



Tritanomaly

69, 119, 168

Monochromacy



Original Color

59, 124, 171



Achromatopsia

134, 134, 134



Achromatomaly

107, 130, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 59, 124, 171 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(59, 171, 140)` looks like.

```
.text, #text, p{  
    color:rgb(59, 171, 140)  
}
```

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(59, 171, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 171, 140) }
```

Border

The CSS property to change the border of an element to RYB 59, 124, 171 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(59, 171, 140) }
```

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

```
.border{ border-color:rgb(59, 171, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 171, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 171, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 171, 140);  
box-shadow:4px 4px 4px 4px rgb(59, 171,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 59, 124, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 171, 140) }
```

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

```
.background{ background-color: rgb(59, 171,  
140) }
```

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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