

Converting Colors

`RYB(73, 123, 159)`

Have a look what the booklet for
RYB(73, 123, 159) contains.

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Color

R_YB(73, 123, 159)

Conversions

Conversions Part 1

Format	Color
Hex	499F87
RGB	73, 159, 135
RGB Percent	29%, 62%, 53%
CMY	0.7137, 0.3765, 0.4709
CMYK	0.54, 0.00, 0.15, 0.38
HSL	163°, 37%, 45%
HSV	163°, 54%, 62%
XYZ	19.5133, 27.9598, 27.2605
YIQ	130.5500, -43.5520, -25.6960

Conversions

Conversions Part 2

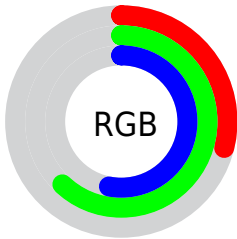
Format	Color
RYB	73, 123, 159
Decimal	4824967
CIELab	59.85, -31.99, 4.73
CIElCh	60, 32.334, 171.594
Yxy	27.9598, 0.2611, 0.3741
Android (android.graphics.Color)	4283015047 (0xFF499F87)
YUV	130.5500, 2.1938, -50.4714
Hunter-Lab	52.8770, -26.6624, 6.4472

Details

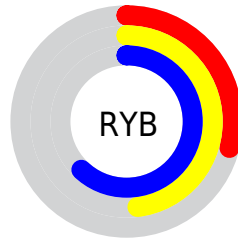
The RYB color **73, 123, 159** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **159, 73, 97**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **128, 179, 214**, and **2, 61, 107** is the 20% darker color. If you saturate the color by 10%, you get **57, 116, 159**, and if you desaturate by 10%, it is **89, 130, 159**.

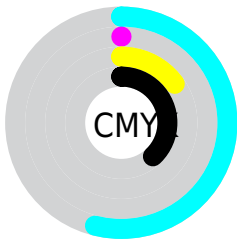
Distribution



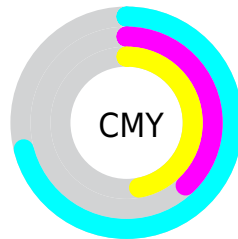
- Red (29%)
- Green (62%)
- Blue (53%)



- Red (29%)
- Yellow (48%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)



- Cyan (71%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 73, 123, 159 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 73, 123, 159 by changing the saturation by 10% instead.



73, 123, 159



73, 123, 159

255, 255, 255



44, 95, 133



128, 179, 214



2, 61, 107



156, 207, 243



0, 47, 82



184, 222, 255



0, 34, 58



213, 234, 255



0, 24, 37



242, 249, 255



0, 0, 0



73, 123, 159



73, 123, 159



57, 116, 159



89, 130, 159



41, 110, 159



105, 136, 159

■ 25, 103, 159

■ 121, 143, 159

■ 9, 96, 159

■ 137, 150, 159

■ 0, 93, 159

■ 153, 157, 159

■ 168, 159, 162

■ 184, 159, 166

■ 200, 159, 171

■ 216, 159, 175

Harmonies

Analogous

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



108, 155, 154



73, 123, 159



36, 99, 164

Triad

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



73, 123, 159



136, 140, 197



191, 144, 101

Complementary

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



73, 123, 159



159, 73, 97

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.



200, 123, 125



73, 123, 159



172, 130, 180

Square

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



73, 123, 159



90, 128, 200



194, 123, 153



135, 170, 88

Rectangle

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



73, 123, 159



32, 100, 181



194, 123, 153



195, 132, 108

Sweetspot

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



73, 123, 159



174, 193, 207



73, 159, 135



85, 97, 105



232, 232, 232



105, 105, 105

Same Dimension

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



73, 123, 159



72, 151, 207



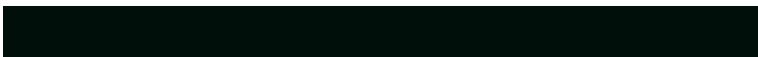
73, 111, 159



71, 76, 79



0, 83, 143



0, 9, 15

Inverse Universe

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



159, 73, 97



207, 72, 110



159, 97, 73



79, 71, 73



143, 0, 40



15, 0, 4

Previews

White Background



This preview shows how the RYB color 73, 123, 159 looks on a white background.

Color Contrast Check

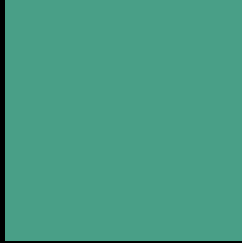
Large Text (above 18pt) WCAG AA ✓ Pass

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 73, 123, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

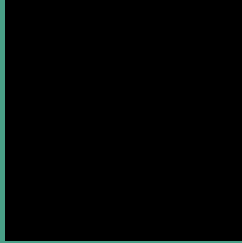
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 73, 123, 159 Background



This preview shows how black text looks on a background with the RYB color 73, 123, 159.




This preview shows how white text looks on a background with the RYB color 73, 123, 159.

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
83, 121, 167

Trichromacy



Original Color

73, 123, 159

Protanomaly

122, 143, 149

Deuteranomaly

128, 140, 146

Tritanomaly

79, 118, 156

Monochromacy



Original Color

73, 123, 159

Achromatopsia

131, 131, 131

Achromatomaly

110, 128, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 73, 123, 159 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(73, 159, 135)` looks like.

```
.text, #text, p{  
    color:rgb(73, 159, 135)  
}
```

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(73, 159, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 159, 135) }
```

Border

The CSS property to change the border of an element to RYB 73, 123, 159 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(73, 159, 135) }
```

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

```
.border{ border-color:rgb(73, 159, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 159, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 159, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 159, 135);  
box-shadow:4px 4px 4px 4px rgb(73, 159,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 73, 123, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 159, 135) }
```

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

```
.background{ background-color: rgb(73, 159,  
135) }
```

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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