

Converting Colors

`RYB(74, 159, 193)`

Have a look what the booklet for
RYB(74, 159, 193) contains.

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Color

R_YB(74, 159, 193)

Conversions

Conversions Part 1

Format	Color
Hex	4AC17A
RGB	74, 193, 122
RGB Percent	29%, 76%, 48%
CMY	0.7098, 0.2431, 0.5231
CMYK	0.62, 0.00, 0.37, 0.24
HSL	144°, 49%, 52%
HSV	144°, 62%, 76%
XYZ	25.3821, 40.9910, 24.8570
YIQ	149.3250, -48.1330, -47.3090

Conversions

Conversions Part 2

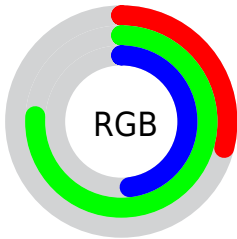
Format	Color
RYB	74, 159, 193
Decimal	4899194
CIELab	70.17, -49.44, 26.33
CIELCh	70, 56.014, 151.957
Yxy	40.9910, 0.2782, 0.4493
Android (android.graphics.Color)	4283089274 (0xFF4AC17A)
YUV	149.3250, -13.4712, -66.0600
Hunter-Lab	64.0242, -41.2769, 21.7980

Details

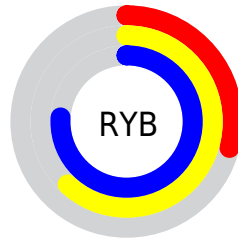
The RYB color **74, 159, 193** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **193, 74, 145**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **133, 219, 250**, and **0, 91, 138** is the 20% darker color. If you saturate the color by 10%, you get **55, 154, 193**, and if you desaturate by 10%, it is **93, 164, 193**.

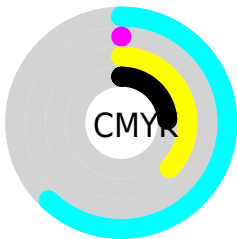
Distribution



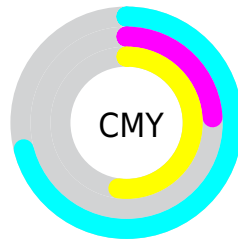
- Red (29%)
- Green (76%)
- Blue (48%)



- Red (29%)
- Yellow (62%)
- Blue (76%)



- Cyan (62%)
- Magenta (0%)
- Yellow (37%)
- Black (24%)




- Cyan (71%)
- Magenta (24%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 74, 159, 193 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 74, 159, 193 by changing the saturation by 10% instead.

 74, 159, 193

255, 255, 255


 133, 219, 250


 162, 227, 255

 192, 231, 255

 221, 238, 255

 251, 253, 255

 74, 159, 193

 39, 126, 165

 0, 91, 138

 0, 78, 112


 0, 67, 87


 0, 60, 62

 0, 40, 40

 0, 1, 1

 0, 0, 0

 74, 159, 193

 74, 159, 193

■ 55, 154, 193

■ 93, 164, 193

■ 35, 148, 193

■ 113, 170, 193

■ 16, 142, 193

■ 132, 176, 193

■ 0, 138, 193

■ 151, 181, 193

■ 171, 187, 193

■ 190, 192, 193

■ 209, 193, 203

■ 228, 193, 214

■ 248, 193, 226

Harmonies

Analogous

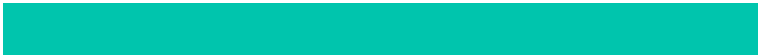
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81, 184, 120



74, 159, 193



0, 105, 197

Triad

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



74, 159, 193



75, 140, 255



255, 136, 120

Complementary

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



74, 159, 193



193, 74, 145

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.



255, 127, 170



74, 159, 193



178, 157, 255

Square

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



74, 159, 193



0, 109, 255



237, 137, 220



238, 207, 81

Rectangle

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



74, 159, 193



0, 101, 208



237, 137, 220



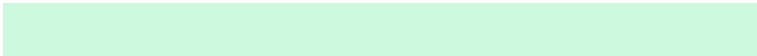
255, 130, 136

Sweetspot

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



74, 159, 193



205, 237, 250



74, 193, 122



97, 117, 125



252, 252, 252



125, 125, 125

Same Dimension

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



74, 159, 193



65, 197, 250



74, 137, 193



87, 94, 97



0, 115, 161



0, 24, 33

Inverse Universe

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



193, 74, 145



250, 65, 176



193, 74, 86



97, 87, 93



161, 0, 96



33, 0, 20

Previews

White Background



This preview shows how the RYB color 74, 159, 193 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 74, 159, 193 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](#).

RYB 74, 159, 193 Background



This preview shows how black text looks on a background with the RYB color 74, 159, 193.

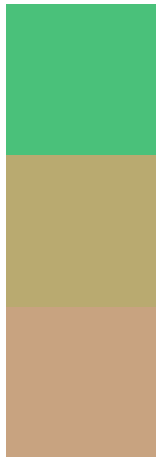


This preview shows how white text looks on a background with the RYB color 74, 159, 193.

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
74, 159, 193

Protanopia
131, 185, 112

Deuteranopia
200, 196, 128



Tritanopia
98, 144, 199

Trichromacy



Original Color

74, 159, 193



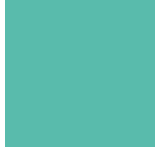
Protanomaly

115, 178, 148



Deuteranomaly

126, 174, 146



Tritanomaly

89, 142, 187

Monochromacy



Original Color

74, 159, 193



Achromatopsia

149, 149, 149



Achromatomaly

122, 153, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 74, 159, 193 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(74, 193, 122)` looks like.

```
.text, #text, p{  
    color:rgb(74, 193, 122)  
}
```

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(74, 193, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 193, 122) }
```

Border

The CSS property to change the border of an element to RYB 74, 159, 193 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(74, 193, 122) }
```

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

```
.border{ border-color:rgb(74, 193, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 193, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 193, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 193, 122);  
box-shadow:4px 4px 4px 4px rgb(74, 193,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 74, 159, 193 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 193, 122) }
```

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

```
.background{ background-color: rgb(74, 193,  
122) }
```

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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