

Converting Colors

`RYB(61, 149, 174)`

Have a look what the booklet for
RYB(61, 149, 174) contains.

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Color

`RYB(61, 149, 174)`

Conversions

Conversions Part 1

Format	Color
Hex	3DAE5D
RGB	61, 174, 93
RGB Percent	24%, 68%, 36%
CMY	0.7608, 0.3176, 0.6349
CMYK	0.65, 0.00, 0.46, 0.32
HSL	137°, 48%, 46%
HSV	137°, 65%, 68%
XYZ	19.0408, 32.0563, 15.5636
YIQ	130.9790, -41.3470, -49.1470

Conversions

Conversions Part 2

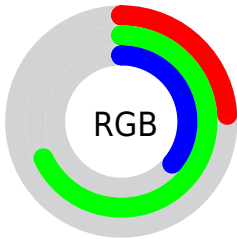
Format	Color
RYB	61, 149, 174
Decimal	4042333
CIELab	63.39, -49.63, 32.31
CIELCh	63, 59.221, 146.939
Yxy	32.0563, 0.2856, 0.4809
Android (android.graphics.Color)	4282232413 (0xFF3DAE5D)
YUV	130.9790, -18.7236, -61.3716
Hunter-Lab	56.6183, -39.0522, 23.3348

Details

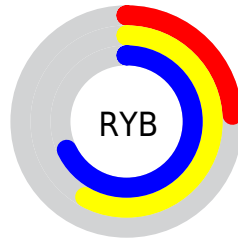
The RYB color **61, 149, 174** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **174, 61, 142**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **121, 210, 230**, and **0, 87, 120** is the 20% darker color. If you saturate the color by 10%, you get **44, 145, 174**, and if you desaturate by 10%, it is **78, 152, 174**.

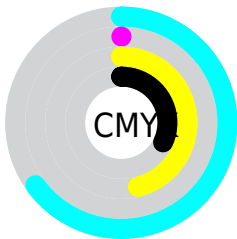
Distribution



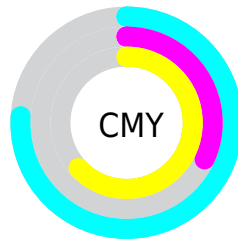
- Red (24%)
- Green (68%)
- Blue (36%)



- Red (24%)
- Yellow (58%)
- Blue (68%)



- Cyan (65%)
- Magenta (0%)
- Yellow (46%)
- Black (32%)



- Cyan (76%)
- Magenta (32%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 61, 149, 174 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 61, 149, 174 by changing the saturation by 10% instead.



61, 149, 174



61, 149, 174

255, 255, 255



22, 113, 147



121, 210, 230



0, 87, 120



149, 236, 255



0, 78, 95



178, 239, 255



0, 70, 70



207, 241, 255



0, 47, 47



237, 246, 255



0, 20, 20



0, 0, 0



61, 149, 174



61, 149, 174



44, 145, 174



78, 152, 174

■ 26, 141, 174

■ 96, 157, 174

■ 9, 137, 174

■ 113, 161, 174

■ 0, 136, 174

■ 131, 165, 174

■ 148, 168, 174

■ 165, 172, 174

■ 183, 174, 180

■ 200, 174, 193

■ 218, 174, 205

Harmonies

Analogous

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



51, 164, 81



61, 149, 174



0, 98, 178

Triad

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



61, 149, 174



0, 99, 255



248, 110, 109

Complementary

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



61, 149, 174



174, 61, 142

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.



245, 105, 161



61, 149, 174



145, 142, 248

Square

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



61, 149, 174



0, 101, 241



212, 119, 212



225, 172, 65

Rectangle

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



61, 149, 174



0, 90, 183



212, 119, 212



250, 106, 126

Sweetspot

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



61, 149, 174



184, 218, 227



61, 174, 93



88, 109, 115



242, 242, 242



115, 115, 115

Same Dimension

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



61, 149, 174



50, 188, 227



61, 124, 174



78, 85, 87



0, 117, 150



0, 18, 23

Inverse Universe

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



174, 61, 142



227, 50, 177



174, 61, 85



87, 78, 84



150, 0, 108



23, 0, 16

Previews

White Background



This preview shows how the RYB color 61, 149, 174 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 61, 149, 174 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 61, 149, 174 Background



This preview shows how black text looks on a background with the RYB color 61, 149, 174.

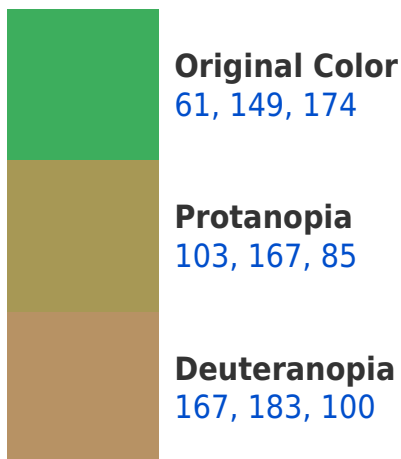


This preview shows how white text looks on a background with the RYB color 61, 149, 174.

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
87, 129, 178

Trichromacy



Original Color

61, 149, 174



Protanomaly

88, 160, 120



Deuteranomaly

97, 156, 114



Tritanomaly

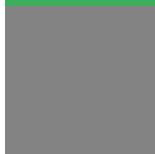
78, 129, 168

Monochromacy



Original Color

61, 149, 174



Achromatopsia

131, 131, 131



Achromatomaly

106, 138, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 61, 149, 174 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(61, 174, 93)` looks like.

```
.text, #text, p{  
    color:rgb(61, 174, 93)  
}
```

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(61, 174, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 174, 93) }
```

Border

The CSS property to change the border of an element to RYB 61, 149, 174 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(61, 174, 93) }
```

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

```
.border{ border-color:rgb(61, 174, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 174, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 174, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 174, 93);  
box-shadow:4px 4px 4px 4px rgb(61, 174,  
93) }
```

Background

The CSS property to change the background color of an element to RYB 61, 149, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 174, 93) }
```

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

```
.background{ background-color: rgb(61, 174,  
93) }
```

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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