

Converting Colors

`RYB(91, 126, 149)`

Have a look what the booklet for
RYB(91, 126, 149) contains.

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Color

R_YB(91, 126, 149)

Conversions

Conversions Part 1

Format	Color
Hex	5B9581
RGB	91, 149, 129
RGB Percent	36%, 58%, 51%
CMY	0.6431, 0.4157, 0.4937
CMYK	0.39, 0.00, 0.13, 0.42
HSL	159°, 24%, 47%
HSV	159°, 39%, 58%
XYZ	19.0319, 25.3071, 24.6904
YIQ	129.3780, -28.1480, -18.5160

Conversions

Conversions Part 2

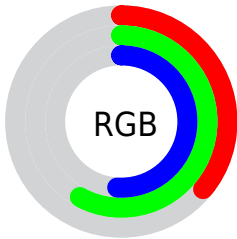
Format	Color
R_{YB}	91, 126, 149
Decimal	6002049
CIE _{Lab}	57.37, -23.75, 4.55
CIE _{LCh}	57, 24.179, 169.165
Yxy	25.3071, 0.2757, 0.3666
Android (android.graphics.Color)	4284192129 (0xFF5B9581)
YUV	129.3780, -0.1864, -33.6575
Hunter-Lab	50.3061, -20.5053, 6.1146

Details

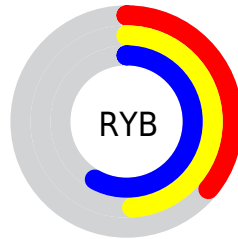
The RYB color **91, 126, 149** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **149, 91, 111**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **144, 180, 203**, and **40, 74, 98** is the 20% darker color. If you saturate the color by 10%, you get **76, 120, 149**, and if you desaturate by 10%, it is **106, 132, 149**.

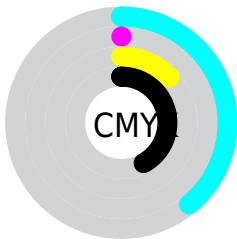
Distribution



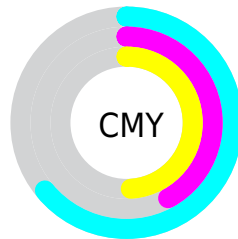
- Red (36%)
- Green (58%)
- Blue (51%)



- Red (36%)
- Yellow (49%)
- Blue (58%)



- Cyan (39%)
- Magenta (0%)
- Yellow (13%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 91, 126, 149 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 91, 126, 149 by changing the saturation by 10% instead.



91, 126, 149



91, 126, 149

255, 255, 255



66, 100, 123



144, 180, 203



40, 74, 98



171, 208, 232



11, 47, 74



199, 232, 255



0, 30, 51



227, 241, 255



0, 21, 31



0, 0, 0



91, 126, 149



91, 126, 149



76, 120, 149



106, 132, 149



61, 114, 149



121, 138, 149

■ 46, 108, 149

■ 136, 144, 149

■ 31, 102, 149

■ 151, 149, 150

■ 17, 97, 149

■ 166, 149, 155

■ 2, 91, 149

■ 180, 149, 160

■ 0, 90, 149

■ 195, 149, 165

■ 210, 149, 170

■ 225, 149, 175

Harmonies

Analogous

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



110, 146, 141



91, 126, 149



74, 112, 151

Triad

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



91, 126, 149



130, 135, 177



175, 135, 107

Complementary

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



91, 126, 149



149, 91, 111

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.



180, 123, 125



91, 126, 149



157, 128, 166

Square

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



91, 126, 149



100, 127, 179



175, 123, 146



141, 160, 97

Rectangle

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



91, 126, 149



73, 114, 164



175, 123, 146



178, 128, 112

Sweetspot

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



91, 126, 149



171, 185, 194



91, 149, 129



83, 92, 97



224, 224, 224



97, 97, 97

Same Dimension

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



91, 126, 149



103, 158, 194



91, 118, 149



67, 71, 74



0, 84, 138



0, 6, 10

Inverse Universe

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



149, 91, 111



194, 103, 134



149, 102, 91



74, 67, 69



138, 0, 47



10, 0, 3

Previews

White Background



This preview shows how the RYB color 91, 126, 149 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 91, 126, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

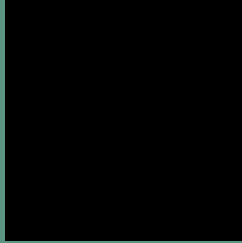
Any Text WCAG AA ✓ Pass

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 91, 126, 149 Background



This preview shows how black text looks on a background with the RYB color 91, 126, 149.



This preview shows how white text looks on a background with the RYB color 91, 126, 149.

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

98, 124, 157

Trichromacy



Original Color

91, 126, 149

Protanomaly

124, 140, 141

Deuteranomaly

130, 137, 139

Tritanomaly

95, 121, 147

Monochromacy



Original Color

91, 126, 149

Achromatopsia

129, 129, 129

Achromatomaly

115, 128, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 91, 126, 149 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(91, 149, 129)` looks like.

```
.text, #text, p{  
    color:rgb(91, 149, 129)  
}
```

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(91, 149, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 149, 129) }
```

Border

The CSS property to change the border of an element to RYB 91, 126, 149 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(91, 149, 129) }
```

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

```
.border{ border-color:rgb(91, 149, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 149, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 149, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 149, 129); box-shadow:4px 4px 4px 4px rgb(91, 149, 129) }
```

Background

The CSS property to change the background color of an element to RGB 91, 126, 149 is called "background".

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

```
.background, #background, body{  
background: rgb(91, 149, 129) }
```

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

```
.background{ background-color: rgb(91, 149,  
129) }
```

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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