

Converting Colors

`RYB(91, 122, 153)`

Have a look what the booklet for
RYB(91, 122, 153) contains.

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Color

R_YB(91, 122, 153)

Conversions

Conversions Part 1

Format	Color
Hex	5B9999
RGB	91, 153, 153
RGB Percent	36%, 60%, 60%
CMY	0.6431, 0.4000, 0.4000
CMYK	0.41, 0.00, 0.00, 0.40
HSL	180°, 25%, 48%
HSV	180°, 41%, 60%
XYZ	21.4554, 27.3065, 34.2769
YIQ	134.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

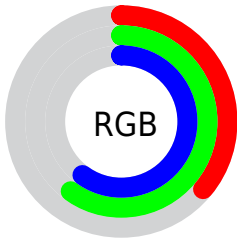
Format	Color
R_{YB}	91, 122, 153
Decimal	6003097
CIE _{Lab}	59.26, -19.94, -6.30
CIE _{LCh}	59, 20.914, 197.532
Yxy	27.3065, 0.2584, 0.3288
Android (android.graphics.Color)	4284193177 (0xFF5B9999)
YUV	134.4620, 9.1392, -38.1162
Hunter-Lab	52.2556, -18.1579, -2.3121

Details

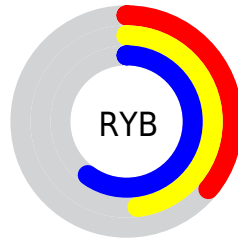
The RYB color **91, 122, 153** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **153, 91, 91**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **145, 177, 208**, and **37, 70, 102** is the 20% darker color. If you saturate the color by 10%, you get **76, 115, 153**, and if you desaturate by 10%, it is **106, 130, 153**.

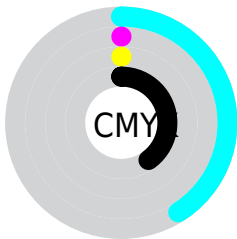
Distribution



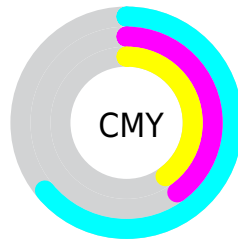
- Red (36%)
- Green (60%)
- Blue (60%)



- Red (36%)
- Yellow (48%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 91, 122, 153 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, 122, 153 by changing the saturation by 10% instead.



91, 122, 153



91, 122, 153

255, 255, 255



65, 96, 127



145, 177, 208



37, 70, 102



172, 204, 236



1, 40, 78



200, 228, 255



0, 27, 55



229, 242, 255



0, 17, 34



0, 0, 12



0, 0, 0



91, 122, 153



91, 122, 153



76, 115, 153



106, 130, 153

■ 60, 107, 153

■ 122, 138, 153

■ 45, 99, 153

■ 137, 145, 153

■ 30, 92, 153

■ 152, 153, 153

■ 14, 84, 153

■ 168, 153, 153

■ 0, 77, 153

■ 183, 153, 153

■ 198, 153, 153

■ 213, 153, 153

■ 229, 153, 153

Harmonies

Analogous

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



104, 134, 153



91, 122, 153



93, 126, 169

Triad

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



91, 122, 153



159, 134, 168



149, 163, 107

Complementary

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



91, 122, 153



153, 91, 91

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.



176, 140, 116



91, 122, 153



175, 130, 151

Square

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



91, 122, 153



135, 140, 177



180, 130, 132



107, 145, 107

Rectangle

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



91, 122, 153



103, 131, 176



180, 130, 132



168, 162, 109

Sweetspot

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



91, 122, 153



175, 187, 199



91, 153, 153



86, 93, 99



227, 227, 227



99, 99, 99

Same Dimension

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



91, 122, 153



101, 150, 199



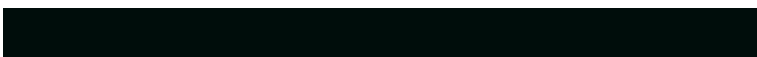
91, 112, 153



69, 73, 77



0, 70, 140



0, 7, 13

Inverse Universe

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



153, 91, 153



199, 101, 199



153, 153, 91



77, 69, 77



140, 0, 140



13, 0, 13

Previews

White Background



This preview shows how the RYB color 91, 122, 153 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, 122, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

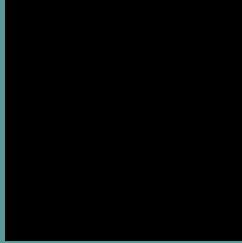
Any Text WCAG AA ✓ Pass

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](#).

R Y B 91, 122, 153 Background



This preview shows how black text looks on a background with the RYB color 91, 122, 153.

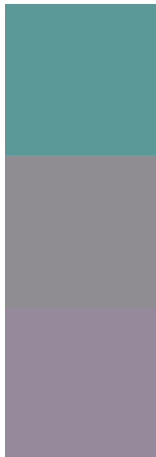


This preview shows how white text looks on a background with the RYB color 91, 122, 153.

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
91, 122, 153

Protanopia
143, 141, 146

Deuteranopia
149, 138, 156



Tritanopia

94, 125, 164

Trichromacy



Original Color
91, 122, 153

Protanomaly
124, 135, 149

Deuteranomaly
128, 138, 155

Tritanomaly
93, 124, 160

Monochromacy



Original Color
91, 122, 153

Achromatopsia
134, 134, 134

Achromatomaly
118, 130, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 91, 122, 153 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, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(91, 153, 153)  
}
```

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, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 153, 153) }
```

Border

The CSS property to change the border of an element to RYB 91, 122, 153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

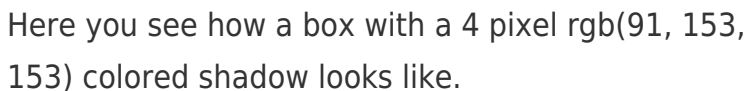
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 153, 153) }
```

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

```
.border{ border-color:rgb(91, 153, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(91, 153,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 91, 122, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 153, 153) }
```

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

```
.background{ background-color: rgb(91, 153,  
153) }
```

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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