

Converting Colors

`RYB(92, 142, 170)`

Have a look what the booklet for
RYB(92, 142, 170) contains.

RYB(92, 142, 170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(92, 142, 170)`

Conversions

Conversions Part 1

Format	Color
Hex	5CAA88
RGB	92, 170, 136
RGB Percent	36%, 67%, 53%
CMY	0.6392, 0.3333, 0.4679
CMYK	0.46, 0.00, 0.20, 0.33
HSL	154°, 31%, 51%
HSV	154°, 46%, 67%
XYZ	23.2096, 32.7932, 28.2799
YIQ	142.8020, -35.5740, -27.1100

Conversions

Conversions Part 2

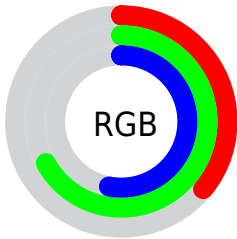
Format	Color
RYB	92, 142, 170
Decimal	6072968
CIELab	63.99, -32.28, 10.31
CIELCh	64, 33.885, 162.279
Yxy	32.7932, 0.2754, 0.3891
Android (android.graphics.Color)	4284263048 (0xFF5CAA88)
YUV	142.8020, -3.3534, -44.5534
Hunter-Lab	57.2654, -27.8687, 10.8060

Details

The RYB color **92, 142, 170** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **170, 92, 126**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **146, 198, 226**, and **37, 87, 117** is the 20% darker color. If you saturate the color by 10%, you get **75, 136, 170**, and if you desaturate by 10%, it is **109, 148, 170**.

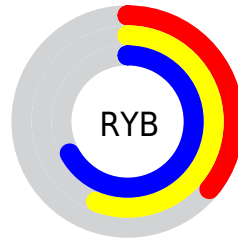
Distribution



Red (36%)

Green (67%)

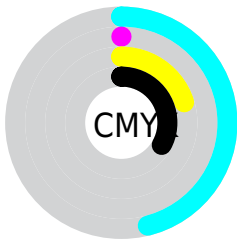
Blue (53%)



Red (36%)

Yellow (56%)

Blue (67%)

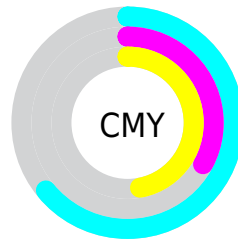


Cyan (46%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (64%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 142, 170 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 92, 142, 170 by changing the saturation by 10% instead.



92, 142, 170



92, 142, 170

255, 255, 255



65, 114, 143



146, 198, 226



37, 87, 117



174, 227, 255



0, 55, 92



202, 231, 255



0, 42, 68



231, 243, 255



0, 31, 45



0, 22, 22



0, 0, 0



92, 142, 170



92, 142, 170



75, 136, 170



109, 148, 170

■ 58, 130, 170

■ 126, 154, 170

■ 41, 124, 170

■ 143, 160, 170

■ 24, 117, 170

■ 160, 166, 170

■ 7, 112, 170

■ 177, 170, 173

■ 0, 109, 170

■ 194, 170, 181

■ 211, 170, 188

■ 228, 170, 196

■ 245, 170, 203

Harmonies

Analogous

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



109, 165, 145



92, 142, 170



52, 113, 171

Triad

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



92, 142, 170



132, 149, 214



209, 143, 116

Complementary

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



92, 142, 170



170, 92, 126

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.



214, 132, 144



92, 142, 170



175, 143, 200

Square

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



92, 142, 170



82, 132, 212



203, 134, 174



182, 191, 98

Rectangle

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



92, 142, 170



35, 106, 186



203, 134, 174



213, 137, 124

Sweetspot

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



92, 142, 170



191, 211, 222



92, 170, 135



93, 105, 112



240, 240, 240



112, 112, 112

Same Dimension

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



92, 142, 170



100, 178, 222



92, 130, 170



76, 81, 84



0, 95, 148



0, 13, 20

Inverse Universe

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



170, 92, 126



222, 100, 154



170, 96, 92



84, 76, 79



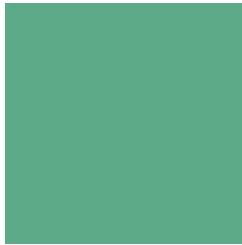
148, 0, 65



20, 0, 9

Previews

White Background



This preview shows how the RYB color 92, 142, 170 looks on a white background.

Color Contrast Check

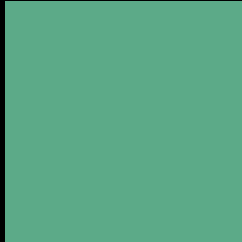
Large Text (above 18pt) WCAG AA × Fail

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 92, 142, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

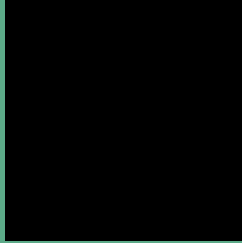
Any Text WCAG AA ✓ Pass

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](#).

R Y B 92, 142, 170 Background



This preview shows how black text looks on a background with the RYB color 92, 142, 170.

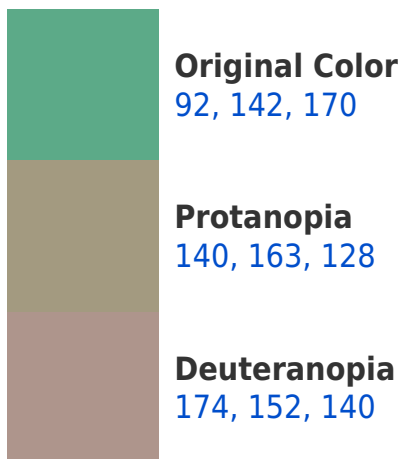



This preview shows how white text looks on a background with the RYB color 92, 142, 170.

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
103, 137, 178

Trichromacy



Original Color

92, 142, 170



Protanomaly

131, 160, 154



Deuteranomaly

138, 157, 151



Tritanomaly

99, 133, 166

Monochromacy



Original Color

92, 142, 170



Achromatopsia

143, 143, 143



Achromatomaly

124, 143, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 142, 170 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(92, 170, 136)` looks like.

```
.text, #text, p{  
    color:rgb(92, 170, 136)  
}
```

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(92, 170, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 170, 136) }
```

Border

The CSS property to change the border of an element to RYB 92, 142, 170 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(92, 170, 136) }
```

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

```
.border{ border-color:rgb(92, 170, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 170, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 170, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 170, 136);  
box-shadow:4px 4px 4px 4px rgb(92, 170,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 92, 142, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 170, 136) }
```

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

```
.background{ background-color: rgb(92, 170,  
136) }
```

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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