

Converting Colors

`RYB(92, 183, 121)`

Have a look what the booklet for
RYB(92, 183, 121) contains.

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Color

R_YB(92, 183, 121)

Conversions

Conversions Part 1

Format	Color
Hex	9AB75C
RGB	154, 183, 92
RGB Percent	60%, 72%, 36%
CMY	0.3961, 0.2824, 0.6392
CMYK	0.16, 0.00, 0.50, 0.28
HSL	79°, 39%, 54%
HSV	79°, 50%, 72%
XYZ	32.1917, 41.5097, 16.4407
YIQ	163.9550, 11.9270, -34.4490

Conversions

Conversions Part 2

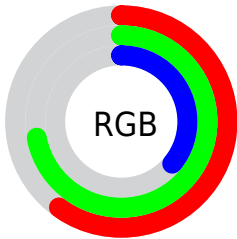
Format	Color
RYB	92, 183, 121
Decimal	10139484
CIELab	70.53, -24.45, 42.69
CIELCh	71, 49.199, 119.802
Yxy	41.5097, 0.3571, 0.4605
Android (android.graphics.Color)	4288329564 (0xFF9AB75C)
YUV	163.9550, -35.4738, -8.7305
Hunter-Lab	64.4280, -23.5609, 29.9700

Details

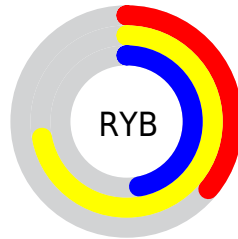
The RYB color **92, 183, 121** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **121, 92, 183**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **144, 239, 173**, and **42, 130, 71** is the 20% darker color. If you saturate the color by 10%, you get **74, 183, 109**, and if you desaturate by 10%, it is **110, 183, 133**.

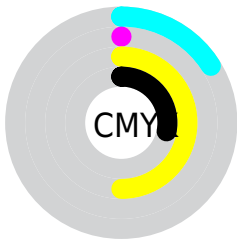
Distribution



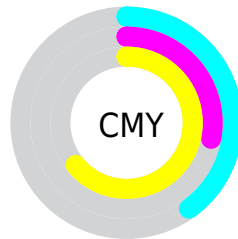
- Red (60%)
- Green (72%)
- Blue (36%)



- Red (36%)
- Yellow (72%)
- Blue (47%)



- Cyan (16%)
- Magenta (0%)
- Yellow (50%)
- Black (28%)




- Cyan (40%)
- Magenta (28%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 183, 121 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, 183, 121 by changing the saturation by 10% instead.

 92, 183, 121


255, 255, 255


 144, 239, 173

 171, 255, 187


 199, 255, 199


 228, 255, 228

 92, 183, 121


 67, 156, 96

 42, 130, 71

 14, 105, 44


 0, 80, 30


 0, 57, 32

 0, 36, 36

 0, 4, 4

 0, 0, 0

 92, 183, 121

 92, 183, 121

■ 74, 183, 109

■ 110, 183, 133

■ 55, 183, 96

■ 129, 183, 146

■ 37, 183, 83

■ 147, 183, 159

■ 19, 183, 71

■ 165, 183, 171

■ 1, 183, 59

■ 183, 183, 184

■ 0, 183, 58

■ 189, 183, 202

■ 195, 183, 220

■ 201, 183, 238

■ 206, 183, 255

Harmonies

Analogous

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



120, 200, 80



92, 183, 121



97, 169, 191

Triad

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



92, 183, 121



0, 107, 249



254, 135, 175

Complementary

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



92, 183, 121



121, 92, 183

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.



228, 144, 218



92, 183, 121



93, 148, 255

Square

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



92, 183, 121



0, 102, 216



175, 161, 250



255, 141, 130

Rectangle

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



92, 183, 121



34, 125, 194



175, 161, 250



248, 137, 190

Sweetspot

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



92, 183, 121



202, 237, 213



183, 135, 92



98, 120, 105



247, 247, 247



120, 120, 120

Same Dimension

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



92, 183, 121



95, 237, 140



92, 183, 166



83, 92, 86



0, 156, 50



0, 28, 9

Inverse Universe

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



121, 92, 183



140, 95, 237



166, 92, 183



86, 83, 92



50, 0, 156



9, 0, 28

Previews

White Background



This preview shows how the RYB color 92, 183, 121 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, 183, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

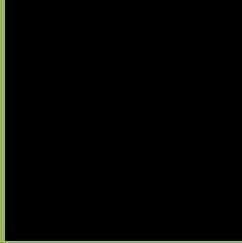
Any Text WCAG AA ✓ Pass

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, 183, 121 Background



This preview shows how black text looks on a background with the RYB color 92, 183, 121.



This preview shows how white text looks on a background with the RYB color 92, 183, 121.

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](#).

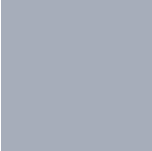
Dichromacy



Original Color
92, 183, 121

Protanopia
110, 190, 88

Deuteranopia
175, 210, 97



Tritanopia
166, 171, 186

Trichromacy



Original Color
92, 183, 121

Protanomaly
90, 177, 89

Deuteranomaly
119, 190, 95

Tritanomaly
152, 177, 167

Monochromacy



Original Color
92, 183, 121

Achromatopsia
164, 164, 164

Achromatomaly
138, 171, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 183, 121 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(154, 183, 92)` looks like.

```
.text, #text, p{  
    color:rgb(154, 183, 92)  
}
```

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(154, 183, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 183, 92) }
```

Border

The CSS property to change the border of an element to RYB 92, 183, 121 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(154, 183, 92) }
```

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

```
.border{ border-color:rgb(154, 183, 92) }
```

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

Here you see how a box with a 4 pixel rgb(154, 183, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 183, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 183, 92);  
box-shadow:4px 4px 4px 4px rgb(154, 183,  
92) }
```

Background

The CSS property to change the background color of an element to RGB 154, 183, 92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 183, 92) }
```

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

```
.background{ background-color: rgb(154,  
183, 92) }
```

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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