

Converting Colors

`RYB(91, 191, 125)`

Have a look what the booklet for RYB(91, 191, 125) contains.

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Color

`RYB(91, 191, 125)`

Conversions

Conversions Part 1

Format	Color
Hex	9DBF5B
RGB	157, 191, 91
RGB Percent	62%, 75%, 36%
CMY	0.3843, 0.2510, 0.6431
CMYK	0.18, 0.00, 0.52, 0.25
HSL	80°, 44%, 55%
HSV	80°, 52%, 75%
XYZ	34.4238, 45.1850, 16.8048
YIQ	169.4340, 11.8360, -38.3080

Conversions

Conversions Part 2

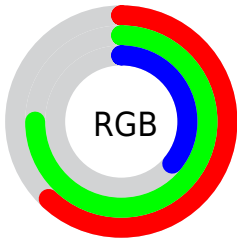
Format	Color
RYB	91, 191, 125
Decimal	10338139
CIELab	73.01, -27.27, 46.19
CIElCh	73, 53.643, 120.561
Yxy	45.1850, 0.3570, 0.4687
Android (android.graphics.Color)	4288528219 (0xFF9DBF5B)
YUV	169.4340, -38.6680, -10.9046
Hunter-Lab	67.2198, -26.2235, 32.2315

Details

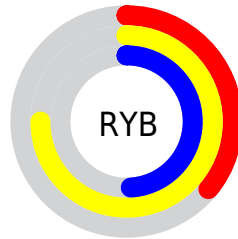
The RYB color **91, 191, 125** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **125, 91, 191**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **144, 247, 178**, and **40, 137, 74** is the 20% darker color. If you saturate the color by 10%, you get **72, 191, 112**, and if you desaturate by 10%, it is **110, 191, 138**.

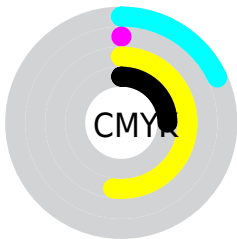
Distribution



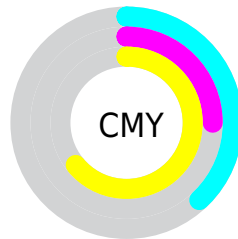
- Red (62%)
- Green (75%)
- Blue (36%)



- Red (36%)
- Yellow (75%)
- Blue (49%)



- Cyan (18%)
- Magenta (0%)
- Yellow (52%)
- Black (25%)



















- Cyan (38%)
- Magenta (25%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 91, 191, 125 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, 191, 125 by changing the saturation by 10% instead.

 91, 191, 125	 91, 191, 125
255, 255, 255	 65, 164, 99
 144, 247, 178	 40, 137, 74
 171, 255, 184	 9, 112, 44
 199, 255, 199	 0, 87, 35
 227, 255, 227	 0, 64, 38
	 0, 41, 41
	 0, 18, 18
	 0, 0, 0
 91, 191, 125	 91, 191, 125

■ 72, 191, 112

■ 110, 191, 138

■ 53, 191, 100

■ 129, 191, 150

■ 34, 191, 87

■ 148, 191, 163

■ 15, 191, 75

■ 167, 191, 175

■ 0, 191, 65

■ 187, 191, 189

■ 196, 191, 206

■ 202, 191, 225

■ 209, 191, 244

■ 215, 191, 255

Harmonies

Analogous

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



116, 207, 77



91, 191, 125



93, 173, 200

Triad

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



91, 191, 125



0, 111, 255



255, 137, 180

Complementary

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



91, 191, 125



125, 91, 191

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.



240, 147, 228



91, 191, 125



89, 149, 255

Square

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



91, 191, 125



0, 107, 228



183, 166, 255



255, 144, 132

Rectangle

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



91, 191, 125



0, 113, 203



183, 166, 255



255, 139, 197

Sweetspot

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



91, 191, 125



208, 247, 221



191, 140, 91



101, 125, 109



252, 252, 252



125, 125, 125

Same Dimension

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



91, 191, 125



92, 247, 145



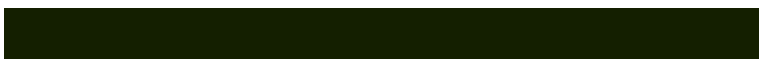
91, 191, 174



85, 94, 88



0, 158, 54



0, 31, 11

Inverse Universe

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



125, 91, 191



145, 92, 247



174, 91, 191



88, 85, 94



54, 0, 158



10, 0, 31

Previews

White Background



This preview shows how the RYB color 91, 191, 125 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 91, 191, 125 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 91, 191, 125 Background



This preview shows how black text looks on a background with the RYB color 91, 191, 125.

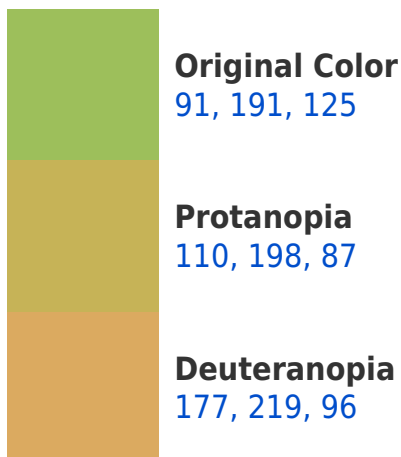


This preview shows how white text looks on a background with the RYB color 91, 191, 125.

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
170, 177, 194

Trichromacy



Original Color
91, 191, 125

Protanomaly
88, 183, 88

Deuteranomaly
116, 196, 94

Tritanomaly
157, 184, 176

Monochromacy



Original Color
91, 191, 125

Achromatopsia
169, 169, 169

Achromatomaly
141, 177, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 91, 191, 125 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(157, 191, 91)` looks like.

```
.text, #text, p{  
    color:rgb(157, 191, 91)  
}
```

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(157, 191, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 191, 91) }
```

Border

The CSS property to change the border of an element to RYB 91, 191, 125 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(157, 191, 91) }
```

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

```
.border{ border-color:rgb(157, 191, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 191, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 191, 91); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 191, 91); box-shadow:4px 4px 4px 4px rgb(157, 191, 91) }
```

Background

The CSS property to change the background color of an element to RYB 91, 191, 125 is called "background".

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

```
.background, #background, body{  
background: rgb(157, 191, 91) }
```

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

```
.background{ background-color: rgb(157,  
191, 91) }
```

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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