

Converting Colors

`RYB(116, 192, 151)`

Have a look what the booklet for
RYB(116, 192, 151) contains.

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Color

R_YB(116, 192, 151)

Conversions

Conversions Part 1

Format	Color
Hex	9DC074
RGB	157, 192, 116
RGB Percent	62%, 75%, 45%
CMY	0.3843, 0.2471, 0.5451
CMYK	0.18, 0.00, 0.40, 0.25
HSL	88°, 38%, 60%
HSV	88°, 40%, 75%
XYZ	35.9067, 46.1283, 23.5342
YIQ	172.8710, 3.5360, -31.0560

Conversions

Conversions Part 2

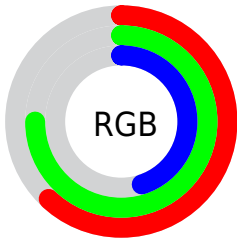
Format	Color
RYB	116, 192, 151
Decimal	10338420
CIELab	73.63, -24.88, 34.51
CIELCh	74, 42.540, 125.793
Yxy	46.1283, 0.3401, 0.4369
Android (android.graphics.Color)	4288528500 (0xFF9DC074)
YUV	172.8710, -28.0374, -13.9189
Hunter-Lab	67.9178, -24.4872, 26.9979

Details

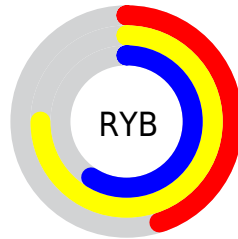
The RYB color **116, 192, 151** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **151, 116, 192**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **169, 249, 205**, and **66, 138, 100** is the 20% darker color. If you saturate the color by 10%, you get **97, 192, 141**, and if you desaturate by 10%, it is **135, 192, 161**.

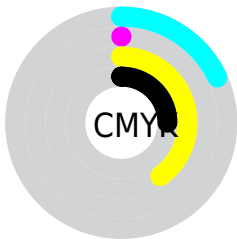
Distribution



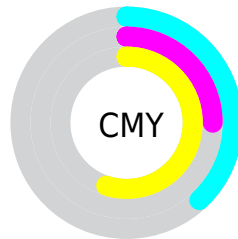
- Red (62%)
- Green (75%)
- Blue (45%)



- Red (45%)
- Yellow (75%)
- Blue (59%)



- Cyan (18%)
- Magenta (0%)
- Yellow (40%)
- Black (25%)



- Cyan (38%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 116, 192, 151 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 116, 192, 151 by changing the saturation by 10% instead.

 116, 192, 151

255, 255, 255


 169, 249, 205


 196, 255, 210


 225, 255, 225


254, 255, 254

 116, 192, 151

 116, 192, 151

 91, 165, 126

 66, 138, 100

 42, 113, 76


 18, 88, 52

 0, 65, 35

 0, 42, 38

 0, 21, 21

 0, 0, 0

 116, 192, 151

■ 97, 192, 141

■ 135, 192, 161

■ 78, 192, 131

■ 154, 192, 171

■ 58, 192, 120

■ 174, 192, 182

■ 39, 192, 109

■ 192, 192, 193

■ 20, 192, 99

■ 201, 192, 212

■ 1, 192, 89

■ 210, 192, 231

■ 0, 192, 88

■ 219, 192, 250

■ 228, 192, 255

■ 237, 192, 255

Harmonies

Analogous

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



124, 199, 102



116, 192, 151



108, 171, 199

Triad

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



116, 192, 151



54, 135, 251



255, 150, 175

Complementary

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



116, 192, 151



151, 116, 192

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.



236, 155, 214



116, 192, 151



135, 169, 255

Square

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



116, 192, 151



0, 106, 225



195, 168, 244



253, 158, 137

Rectangle

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



116, 192, 151



68, 142, 201



195, 168, 244



251, 150, 188

Sweetspot

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



116, 192, 151



220, 250, 234



192, 178, 116



107, 125, 115



252, 252, 252



125, 125, 125

Same Dimension

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



116, 192, 151



130, 250, 185



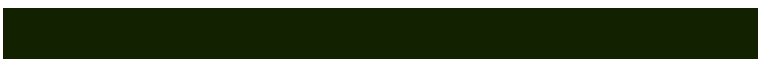
116, 192, 188



87, 97, 92



0, 161, 74



0, 33, 15

Inverse Universe

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



151, 116, 192



185, 130, 250



188, 116, 192



92, 87, 97



74, 0, 161



15, 0, 33

Previews

White Background



This preview shows how the RYB color 116, 192, 151 looks on a white background.

Color Contrast Check

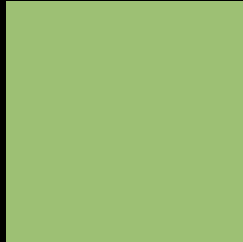
Large Text (above 18pt) WCAG AA × Fail

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 116, 192, 151 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 116, 192, 151 Background



This preview shows how black text looks on a background with the RYB color 116, 192, 151.

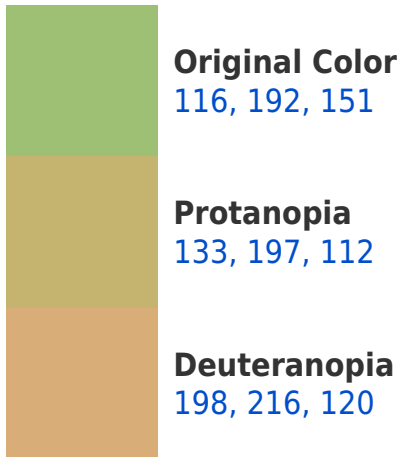


This preview shows how white text looks on a background with the RYB color 116, 192, 151.

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
168, 177, 197

Trichromacy



Original Color
116, 192, 151

Protanomaly
113, 184, 115

Deuteranomaly
138, 195, 119

Tritanomaly
164, 183, 186

Monochromacy



Original Color
116, 192, 151

Achromatopsia
173, 173, 173

Achromatomaly
152, 180, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 116, 192, 151 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, 192, 116)` looks like.

```
.text, #text, p{  
    color:rgb(157, 192, 116)  
}
```

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, 192, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 192, 116) }
```

Border

The CSS property to change the border of an element to RYB 116, 192, 151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

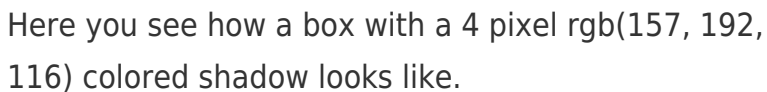
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 192, 116) }
```

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

```
.border{ border-color:rgb(157, 192, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 192, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 192, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 192, 116);  
box-shadow:4px 4px 4px 4px rgb(157, 192,  
116) }
```

Background

The CSS property to change the background color of an element to RYB 116, 192, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 192, 116) }
```

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

```
.background{ background-color: rgb(157,  
192, 116) }
```

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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