

Converting Colors

`RYB(124, 190, 155)`

Have a look what the booklet for
RYB(124, 190, 155) contains.

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Color

R_YB(124, 190, 155)

Conversions

Conversions Part 1

Format	Color
Hex	9FBE7C
RGB	159, 190, 124
RGB Percent	62%, 75%, 49%
CMY	0.3765, 0.2549, 0.5137
CMYK	0.16, 0.00, 0.35, 0.25
HSL	88°, 34%, 62%
HSV	88°, 35%, 75%
XYZ	36.3496, 45.6531, 25.9649
YIQ	173.2070, 2.7100, -27.0980

Conversions

Conversions Part 2

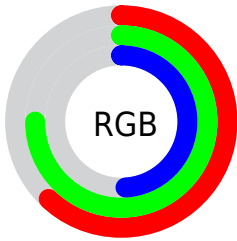
Format	Color
RYB	124, 190, 155
Decimal	10468988
CIELab	73.32, -22.07, 29.98
CIELCh	73, 37.223, 126.361
Yxy	45.6531, 0.3367, 0.4228
Android (android.graphics.Color)	4288659068 (0xFF9FBE7C)
YUV	173.2070, -24.2591, -12.4595
Hunter-Lab	67.5671, -22.2132, 24.5128

Details

The RYB color **124, 190, 155** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **155, 124, 190**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **177, 246, 209**, and **74, 137, 105** is the 20% darker color. If you saturate the color by 10%, you get **105, 190, 145**, and if you desaturate by 10%, it is **143, 190, 165**.

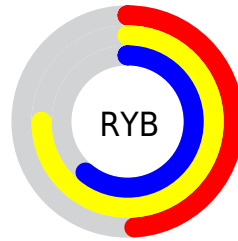
Distribution



Red (62%)

Green (75%)

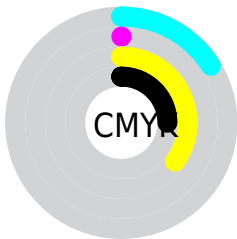
Blue (49%)



Red (49%)

Yellow (75%)

Blue (61%)

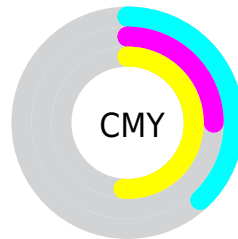


Cyan (16%)

Magenta (0%)

Yellow (35%)

Black (25%)



Cyan (38%)

Magenta (25%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 190, 155 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 124, 190, 155 by changing the saturation by 10% instead.

 124, 190, 155


255, 255, 255


 177, 246, 209


 205, 255, 217

 233, 255, 233

 124, 190, 155

 99, 163, 130

 74, 137, 105

 50, 111, 80


 27, 86, 56


 3, 63, 33

 0, 41, 31

 0, 20, 20


 0, 0, 0

 124, 190, 155


 124, 190, 155


 105, 190, 145


 143, 190, 165

 86, 190, 135


 162, 190, 175


 67, 190, 125


 181, 190, 185

 48, 190, 115


 195, 190, 200


 29, 190, 105


 204, 190, 219

 10, 190, 95

 213, 190, 238

 0, 190, 89

 221, 190, 255

 230, 190, 255

 239, 190, 255

Harmonies

Analogous

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



132, 196, 112



124, 190, 155



118, 172, 196

Triad

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



124, 190, 155



87, 149, 242



246, 154, 174

Complementary

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



124, 190, 155



155, 124, 190

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.



229, 158, 208



124, 190, 155



144, 171, 247

Square

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



124, 190, 155



49, 128, 219



194, 169, 235



244, 161, 141

Rectangle

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



124, 190, 155



89, 150, 198



194, 169, 235



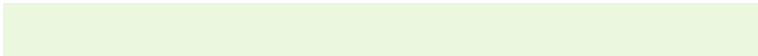
243, 154, 186

Sweetspot

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



124, 190, 155



223, 247, 234



190, 182, 124



110, 125, 117



252, 252, 252



125, 125, 125

Same Dimension

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



124, 190, 155



143, 247, 191



124, 190, 188



85, 94, 89



0, 158, 74



0, 31, 15

Inverse Universe

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



155, 124, 190



192, 143, 247



188, 124, 190



89, 85, 94



74, 0, 158



14, 0, 31

Previews

White Background



This preview shows how the RYB color 124, 190, 155 looks on a white background.

Color Contrast Check

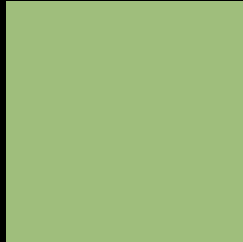
Large Text (above 18pt) WCAG AA × Fail

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 124, 190, 155 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 124, 190, 155 Background



This preview shows how black text looks on a background with the RYB color 124, 190, 155.

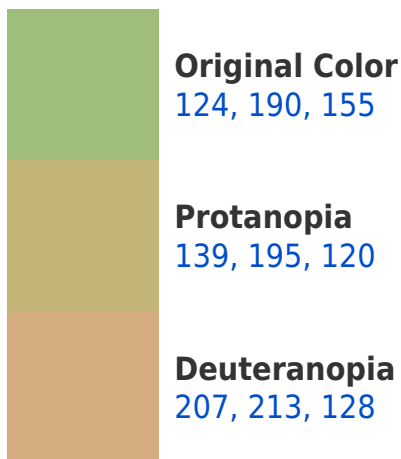


This preview shows how white text looks on a background with the RYB color 124, 190, 155.

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
169, 177, 196

Trichromacy



Original Color
124, 190, 155

Protanomaly
121, 184, 123

Deuteranomaly
145, 193, 127

Tritanomaly
165, 180, 184

Monochromacy



Original Color
124, 190, 155

Achromatopsia
173, 173, 173

Achromatomaly
155, 179, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 190, 155 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(159, 190, 124)` looks like.

```
.text, #text, p{  
    color:rgb(159, 190, 124)  
}
```

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(159, 190, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 190, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 190, 155 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(159, 190, 124) }
```

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

```
.border{ border-color:rgb(159, 190, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 190, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 190, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 190, 124);  
box-shadow:4px 4px 4px 4px rgb(159, 190,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 190, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 190, 124) }
```

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

```
.background{ background-color: rgb(159,  
190, 124) }
```

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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