

Converting Colors

`RYB(124, 183, 181)`

Have a look what the booklet for
RYB(124, 183, 181) contains.

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Color

R_YB(124, 183, 181)

Conversions

Conversions Part 1

Format	Color
Hex	7EB77C
RGB	126, 183, 124
RGB Percent	49%, 72%, 49%
CMY	0.5059, 0.2824, 0.5137
CMYK	0.31, 0.00, 0.32, 0.28
HSL	118°, 29%, 60%
HSV	118°, 32%, 72%
XYZ	29.1758, 39.7578, 25.2051
YIQ	159.2310, -15.0330, -30.4330

Conversions

Conversions Part 2

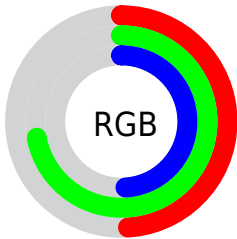
Format	Color
RYB	124, 183, 181
Decimal	8304508
CIELab	69.30, -30.37, 24.26
CIELCh	69, 38.873, 141.383
Yxy	39.7578, 0.3099, 0.4223
Android (android.graphics.Color)	4286494588 (0xFF7EB77C)
YUV	159.2310, -17.3689, -29.1436
Hunter-Lab	63.0538, -27.7501, 20.4371

Details

The RYB color **124, 183, 181** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **181, 124, 183**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **177, 239, 236**, and **74, 129, 130** is the 20% darker color. If you saturate the color by 10%, you get **106, 183, 181**, and if you desaturate by 10%, it is **142, 183, 181**.

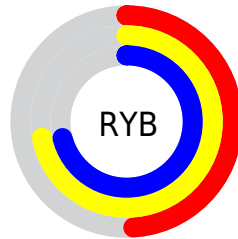
Distribution



Red (49%)

Green (72%)

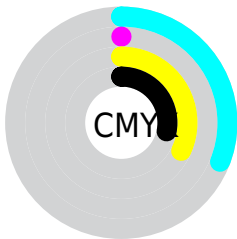
Blue (49%)



Red (49%)

Yellow (72%)

Blue (71%)

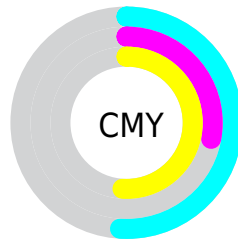


Cyan (31%)

Magenta (0%)

Yellow (32%)

Black (28%)



Cyan (51%)

Magenta (28%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 183, 181 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, 183, 181 by changing the saturation by 10% instead.


 124, 183, 181


255, 255, 255


 177, 239, 236


 205, 255, 252


 233, 255, 251

 124, 183, 181


 99, 156, 155

 74, 129, 130


 49, 102, 104

 23, 75, 80


 0, 51, 56


 0, 35, 35

 0, 0, 0

 124, 183, 181

 106, 183, 181

 124, 183, 181

 142, 183, 181

■ 87, 183, 179

■ 161, 183, 183

■ 69, 183, 179

■ 179, 183, 183

■ 51, 183, 179

■ 197, 183, 197

■ 33, 183, 178

■ 214, 183, 216

■ 14, 183, 177

■ 232, 183, 234

■ 0, 183, 177

■ 250, 183, 252

■ 255, 183, 255

Harmonies

Analogous

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



102, 175, 110



124, 183, 181



78, 141, 187

Triad

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



124, 183, 181



98, 148, 238



238, 143, 145

Complementary

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



124, 183, 181



181, 124, 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.



231, 143, 181



124, 183, 181



158, 164, 235

Square

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



124, 183, 181



21, 111, 223



204, 151, 214



227, 168, 115

Rectangle

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



124, 183, 181



38, 115, 188



204, 151, 214



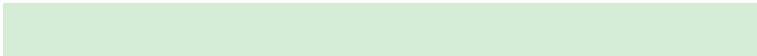
238, 142, 157

Sweetspot

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



124, 183, 181



213, 237, 236



127, 183, 124



105, 120, 119



247, 247, 247



120, 120, 120

Same Dimension

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



124, 183, 181



145, 237, 234



124, 164, 183



83, 92, 92



0, 156, 151



0, 28, 27

Inverse Universe

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



181, 124, 183



234, 145, 237



183, 124, 156



91, 83, 92



150, 0, 156



27, 0, 28

Previews

White Background



This preview shows how the RYB color 124, 183, 181 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, 183, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

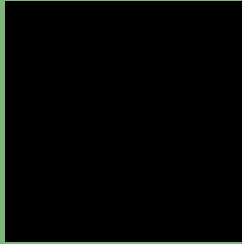
Any Text WCAG AA ✓ Pass

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](#).

RYP 124, 183, 181 Background



This preview shows how black text looks on a background with the RYB color 124, 183, 181.

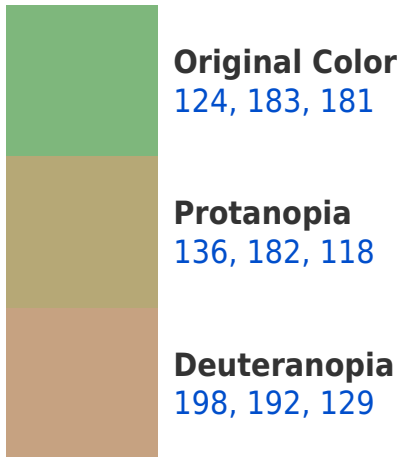


This preview shows how white text looks on a background with the RYB color 124, 183, 181.

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
138, 159, 189

Trichromacy



Original Color
124, 183, 181

Protanomaly
120, 173, 131

Deuteranomaly
129, 172, 127

Tritanomaly
134, 160, 178

Monochromacy



Original Color
124, 183, 181

Achromatopsia
159, 159, 159

Achromatomaly
146, 168, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 183, 181 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(126, 183, 124)` looks like.

```
.text, #text, p{  
    color:rgb(126, 183, 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(126, 183, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 183, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 183, 181 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(126, 183, 124) }
```

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

```
.border{ border-color:rgb(126, 183, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 183, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 183, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 183, 124);  
box-shadow:4px 4px 4px 4px rgb(126, 183,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 183, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 183, 124) }
```

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

```
.background{ background-color: rgb(126,  
183, 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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