

Converting Colors

`RYB(120, 146, 151)`

Have a look what the booklet for
RYB(120, 146, 151) contains.

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Color

R_{YB}(120, 146, 151)

Conversions

Conversions Part 1

Format	Color
Hex	78977E
RGB	120, 151, 126
RGB Percent	47%, 59%, 49%
CMY	0.5294, 0.4078, 0.5060
CMYK	0.21, 0.00, 0.17, 0.41
HSL	132°, 13%, 53%
HSV	132°, 21%, 59%
XYZ	22.5758, 27.6317, 23.8692
YIQ	138.8810, -10.4510, -14.3470

Conversions

Conversions Part 2

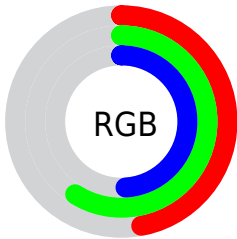
Format	Color
RYB	120, 146, 151
Decimal	7903102
CIELab	59.55, -16.02, 9.67
CIELCh	60, 18.710, 148.869
Yxy	27.6317, 0.3048, 0.3730
Android (android.graphics.Color)	4286093182 (0xFF78977E)
YUV	138.8810, -6.3503, -16.5586
Hunter-Lab	52.5658, -15.3287, 9.8735

Details

The RYB color **120, 146, 151** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **151, 120, 145**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **173, 200, 205**, and **71, 95, 100** is the 20% darker color. If you saturate the color by 10%, you get **105, 143, 151**, and if you desaturate by 10%, it is **135, 148, 151**.

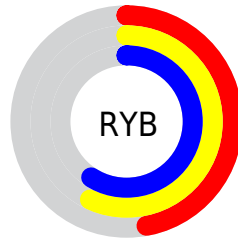
Distribution



Red (47%)

Green (59%)

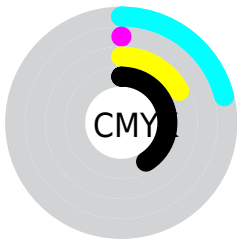
Blue (49%)



Red (47%)

Yellow (57%)

Blue (59%)

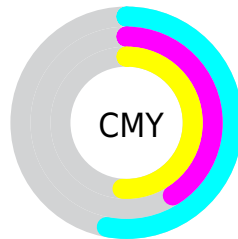


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (41%)



Cyan (53%)

Magenta (41%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 120, 146, 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 120, 146, 151 by changing the saturation by 10% instead.


 120, 146, 151


255, 255, 255


 173, 200, 205

 200, 229, 234

 228, 250, 255

 120, 146, 151

 95, 120, 125

 71, 95, 100

 48, 71, 76


 26, 47, 53


 4, 27, 32

 0, 0, 0

 120, 146, 151

 105, 143, 151

 90, 141, 151

 120, 146, 151

 135, 148, 151

 150, 151, 151

■ 75, 139, 151

■ 165, 151, 163

■ 60, 137, 151

■ 180, 151, 175

■ 45, 134, 151

■ 196, 151, 187

■ 29, 131, 151

■ 211, 151, 199

■ 14, 128, 151

■ 226, 151, 211

■ 0, 127, 151

■ 241, 151, 224

■ 255, 151, 236

Harmonies

Analogous

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



114, 147, 122



120, 146, 151



104, 132, 153

Triad

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



120, 146, 151



123, 139, 176



177, 134, 128

Complementary

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



120, 146, 151



151, 120, 145

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.



175, 132, 145



120, 146, 151



145, 139, 172

Square

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



120, 146, 151



105, 132, 171



164, 134, 161



170, 150, 116

Rectangle

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



120, 146, 151



98, 126, 153



164, 134, 161



178, 132, 134

Sweetspot

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



120, 146, 151



185, 194, 196



120, 151, 126



92, 97, 99



227, 227, 227



99, 99, 99

Same Dimension

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



120, 146, 151



147, 188, 196



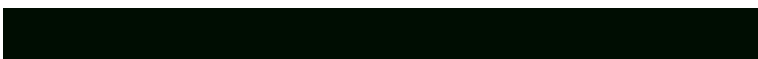
120, 138, 151



69, 76, 77



0, 117, 140



0, 11, 13

Inverse Universe

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



151, 120, 145



196, 147, 187



151, 120, 130



77, 69, 75



140, 0, 113



13, 0, 10

Previews

White Background



This preview shows how the RYB color 120, 146, 151 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 120, 146, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

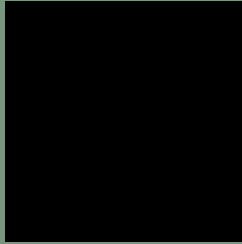
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 120, 146, 151 Background



This preview shows how black text looks on a background with the RYB color 120, 146, 151.



This preview shows how white text looks on a background with the RYB color 120, 146, 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
126, 138, 158

Trichromacy



Original Color

120, 146, 151

Protanomaly

123, 146, 130

Deuteranomaly

133, 147, 128

Tritanomaly

124, 137, 148

Monochromacy



Original Color

120, 146, 151

Achromatopsia

139, 139, 139

Achromatomaly

132, 141, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 120, 146, 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(120, 151, 126)` looks like.

```
.text, #text, p{  
    color:rgb(120, 151, 126)  
}
```

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(120, 151, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 151, 126) }
```

Border

The CSS property to change the border of an element to RYB 120, 146, 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(120, 151, 126) }
```

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

```
.border{ border-color:rgb(120, 151, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 151, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 151, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 151, 126);  
box-shadow:4px 4px 4px 4px rgb(120, 151,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 120, 146, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 151, 126) }
```

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

```
.background{ background-color: rgb(120,  
151, 126) }
```

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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