

Converting Colors

`RYB(62, 98, 120)`

Have a look what the booklet for
RYB(62, 98, 120) contains.

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Color

$\text{RYB}(62, 98, 120)$

Conversions

Conversions Part 1

Format	Color
Hex	3E7861
RGB	62, 120, 97
RGB Percent	24%, 47%, 38%
CMY	0.7569, 0.5294, 0.6179
CMYK	0.48, 0.00, 0.19, 0.53
HSL	157°, 32%, 36%
HSV	157°, 48%, 47%
XYZ	10.8815, 15.3285, 13.8034
YIQ	100.0360, -27.1850, -19.4490

Conversions

Conversions Part 2

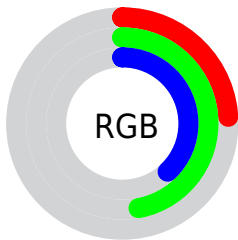
Format	Color
RYB	62, 98, 120
Decimal	4094049
CIELab	46.08, -24.81, 6.57
CIELCh	46, 25.660, 165.175
Yxy	15.3285, 0.2719, 0.3831
Android (android.graphics.Color)	4282284129 (0xFF3E7861)
YUV	100.0360, -1.4967, -33.3576
Hunter-Lab	39.1516, -18.9041, 6.5027

Details

The RYB color **62, 98, 120** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **120, 62, 85**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **113, 151, 173**, and **6, 44, 71** is the 20% darker color. If you saturate the color by 10%, you get **50, 93, 120**, and if you desaturate by 10%, it is **74, 103, 120**.

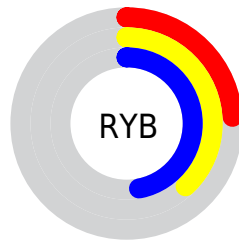
Distribution



Red (24%)

Green (47%)

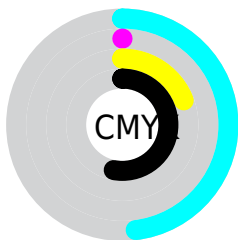
Blue (38%)



Red (24%)

Yellow (38%)

Blue (47%)

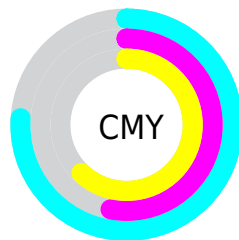


Cyan (48%)

Magenta (0%)

Yellow (19%)

Black (53%)



Cyan (76%)

Magenta (53%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 62, 98, 120 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 62, 98, 120 by changing the saturation by 10% instead.

 62, 98, 120  62, 98, 120

255, 255, 255  36, 72, 95

 113, 151, 173  6, 44, 71

 140, 178, 200  0, 30, 48

 167, 206, 228  0, 25, 29

 195, 233, 255  0, 0, 0

 223, 239, 255

 252, 254, 255

 62, 98, 120  62, 98, 120

 50, 93, 120  74, 103, 120

■ 38, 89, 120

■ 86, 107, 120

■ 26, 85, 120

■ 98, 112, 120

■ 14, 80, 120

■ 110, 116, 120

■ 2, 75, 120

■ 122, 120, 121

■ 0, 75, 120

■ 134, 120, 125

■ 146, 120, 130

■ 158, 120, 135

■ 170, 120, 139

Harmonies

Analogous

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



78, 117, 106



62, 98, 120



36, 79, 121

Triad

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



62, 98, 120



96, 105, 150



147, 103, 80

Complementary

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



62, 98, 120



120, 62, 85

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.



151, 93, 99



62, 98, 120



125, 100, 140

Square

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



62, 98, 120



61, 94, 150



144, 94, 121



120, 133, 68

Rectangle

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



62, 98, 120



27, 77, 133



144, 94, 121



150, 97, 85

Sweetspot

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



62, 98, 120



132, 147, 156



62, 120, 97



65, 74, 79



207, 207, 207



79, 79, 79

Same Dimension

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



62, 98, 120



65, 122, 156



62, 89, 120



55, 59, 61



0, 78, 125



0, 156, 252

Inverse Universe

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



120, 62, 85



156, 65, 100



120, 69, 62



61, 55, 57



125, 0, 49



252, 0, 98

Previews

White Background



This preview shows how the RYB color 62, 98, 120 looks on a white background.

Color Contrast Check

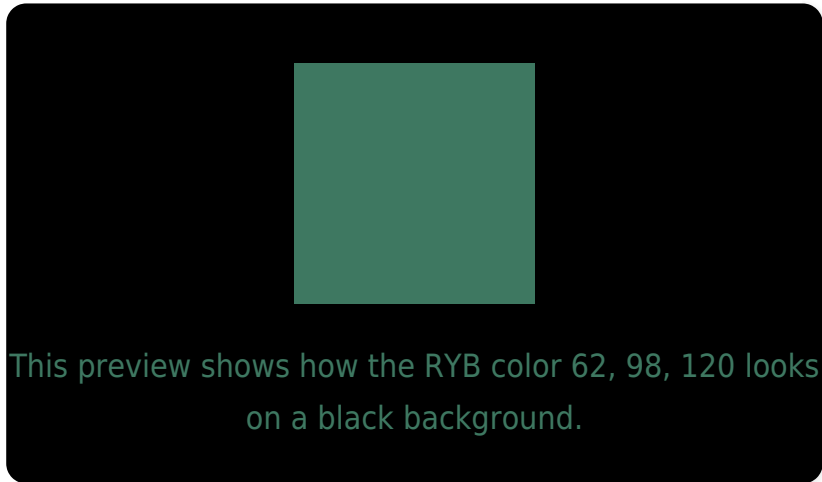
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

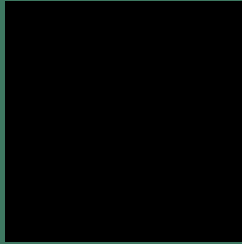
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

R Y B 62, 98, 120 Background



This preview shows how black text looks on a background with the R Y B color 62, 98, 120.



This preview shows how white text looks on a background with the R Y B color 62, 98, 120.

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



Original Color

62, 98, 120

Protanopia

100, 114, 92

Deuteranopia

122, 106, 101



Tritanopia
70, 95, 126

Trichromacy



Original Color
62, 98, 120

Protanomaly
94, 112, 111

Deuteranomaly
100, 110, 110

Tritanomaly
67, 92, 117

Monochromacy



Original Color
62, 98, 120

Achromatopsia
100, 100, 100

Achromatomaly
86, 99, 107

CSS Examples

Text

The CSS property to change the color of the text to RYB 62, 98, 120 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(62, 120, 97)` looks like.

```
.text, #text, p{  
    color:rgb(62, 120, 97)  
}
```

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(62, 120, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 120, 97) }
```

Border

The CSS property to change the border of an element to RYB 62, 98, 120 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(62, 120, 97) }
```

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

```
.border{ border-color:rgb(62, 120, 97) }
```

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

Here you see how a box with a 4 pixel rgb(62, 120, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 120, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 120, 97);  
box-shadow:4px 4px 4px 4px rgb(62, 120,  
97) }
```

Background

The CSS property to change the background color of an element to RYB 62, 98, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 120, 97) }
```

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

```
.background{ background-color: rgb(62, 120,  
97) }
```

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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