

Converting Colors

R_YB(61, 97, 124)

Have a look what the booklet for
RYB(61, 97, 124) contains.

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Color

R_YB(61, 97, 124)

Conversions

Conversions Part 1

Format	Color
Hex	3D7C6C
RGB	61, 124, 108
RGB Percent	24%, 49%, 42%
CMY	0.7608, 0.5137, 0.5755
CMYK	0.51, 0.00, 0.13, 0.51
HSL	165°, 34%, 36%
HSV	165°, 51%, 49%
XYZ	11.8522, 16.4954, 16.8165
YIQ	103.3390, -32.4120, -18.3320

Conversions

Conversions Part 2

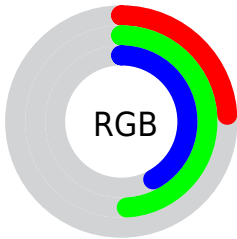
Format	Color
RYB	61, 97, 124
Decimal	4029548
CIELab	47.62, -24.42, 2.38
CIElCh	48, 24.532, 174.431
Yxy	16.4954, 0.2624, 0.3652
Android (android.graphics.Color)	4282219628 (0xFF3D7C6C)
YUV	103.3390, 2.2979, -37.1313
Hunter-Lab	40.6146, -18.9853, 3.8812

Details

The RYB color **61, 97, 124** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **124, 61, 77**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **113, 150, 177**, and **0, 41, 75** is the 20% darker color. If you saturate the color by 10%, you get **49, 92, 124**, and if you desaturate by 10%, it is **73, 102, 124**.

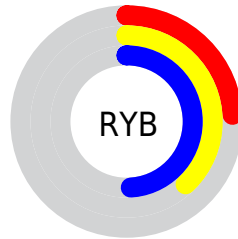
Distribution



Red (24%)

Green (49%)

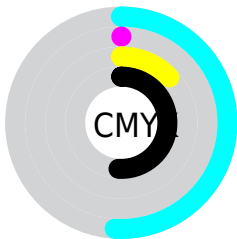
Blue (42%)



Red (24%)

Yellow (38%)

Blue (49%)

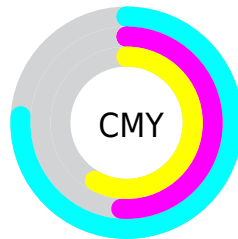


Cyan (51%)

Magenta (0%)

Yellow (13%)

Black (51%)



Cyan (76%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 61, 97, 124 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 61, 97, 124 by changing the saturation by 10% instead.



61, 97, 124



61, 97, 124

255, 255, 255



34, 71, 99



113, 150, 177



0, 41, 75



140, 178, 205



0, 30, 52



167, 206, 233



0, 20, 32



195, 228, 255



0, 0, 0



224, 240, 255

253, 254, 255



61, 97, 124



61, 97, 124



49, 92, 124



73, 102, 124

■ 36, 86, 124

■ 86, 108, 124

■ 24, 81, 124

■ 98, 113, 124

■ 11, 75, 124

■ 111, 118, 124

■ 0, 71, 124

■ 123, 124, 124

■ 135, 124, 127

■ 148, 124, 130

■ 160, 124, 133

■ 173, 124, 136

Harmonies

Analogous

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



86, 120, 122



61, 97, 124



42, 84, 129

Triad

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



61, 97, 124



110, 109, 150



146, 115, 80

Complementary

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



61, 97, 124



124, 61, 77

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.



154, 98, 97



61, 97, 124



136, 102, 137

Square

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



61, 97, 124



79, 104, 154



150, 98, 118



105, 131, 72

Rectangle

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



61, 97, 124



44, 87, 141



150, 98, 118



150, 106, 85

Sweetspot

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



61, 97, 124



137, 151, 161



61, 124, 108



67, 76, 82



209, 209, 209



82, 82, 82

Same Dimension

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



61, 97, 124



63, 119, 161



61, 88, 124



55, 58, 61



0, 71, 125



0, 144, 252

Inverse Universe

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



124, 61, 77



161, 63, 87



124, 82, 61



61, 55, 57



125, 0, 31



252, 0, 63

Previews

White Background



This preview shows how the RYB color 61, 97, 124 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



This preview shows how the RYB color 61, 97, 124 looks on a 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 61, 97, 124 Background



This preview shows how black text looks on a background with the R Y B color 61, 97, 124.

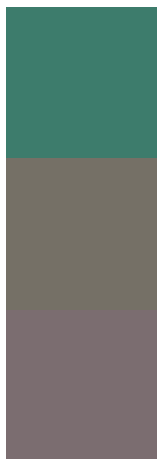


This preview shows how white text looks on a background with the R Y B color 61, 97, 124.

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

[61, 97, 124](#)

Protanopia

[110, 117, 102](#)

Deuteranopia

[123, 109, 112](#)



Tritanopia
68, 97, 131

Trichromacy



Original Color

61, 97, 124

Protanomaly

97, 111, 116

Deuteranomaly

100, 108, 114

Tritanomaly

65, 94, 123

Monochromacy



Original Color

61, 97, 124

Achromatopsia

103, 103, 103

Achromatomaly

88, 101, 111

CSS Examples

Text

The CSS property to change the color of the text to RYB 61, 97, 124 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(61, 124, 108)` looks like.

```
.text, #text, p{  
    color:rgb(61, 124, 108)  
}
```

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(61, 124, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 124, 108) }
```

Border

The CSS property to change the border of an element to RYB 61, 97, 124 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(61, 124, 108) }
```

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

```
.border{ border-color:rgb(61, 124, 108) }
```

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

Here you see how a box with a 4 pixel rgb(61, 124, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 124, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 124, 108);  
box-shadow:4px 4px 4px 4px rgb(61, 124,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 61, 97, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 124, 108) }
```

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

```
.background{ background-color: rgb(61, 124,  
108) }
```

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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