

Converting Colors

`RYB(90, 112, 124)`

Have a look what the booklet for
RYB(90, 112, 124) contains.

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Color

R_YB(90, 112, 124)

Conversions

Conversions Part 1

Format	Color
Hex	5A7C6D
RGB	90, 124, 109
RGB Percent	35%, 49%, 43%
CMY	0.6471, 0.5137, 0.5743
CMYK	0.27, 0.00, 0.12, 0.51
HSL	153°, 16%, 42%
HSV	153°, 27%, 49%
XYZ	14.1600, 17.6833, 17.0069
YIQ	112.1240, -15.4490, -11.8730

Conversions

Conversions Part 2

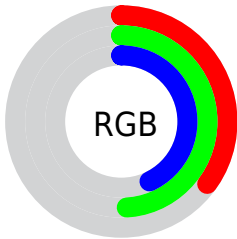
Format	Color
RYB	90, 112, 124
Decimal	5930093
CIELab	49.11, -15.58, 4.55
CIElCh	49, 16.235, 163.728
Yxy	17.6833, 0.2899, 0.3620
Android (android.graphics.Color)	4284120173 (0xFF5A7C6D)
YUV	112.1240, -1.5401, -19.4027
Hunter-Lab	42.0515, -13.4840, 5.4574

Details

The RYB color **90, 112, 124** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **124, 90, 105**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **141, 165, 177**, and **43, 63, 75** is the 20% darker color. If you saturate the color by 10%, you get **78, 108, 124**, and if you desaturate by 10%, it is **102, 116, 124**.

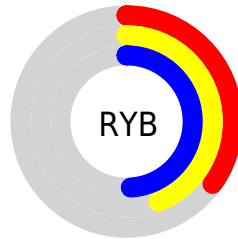
Distribution



Red (35%)

Green (49%)

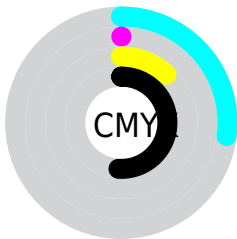
Blue (43%)



Red (35%)

Yellow (44%)

Blue (49%)

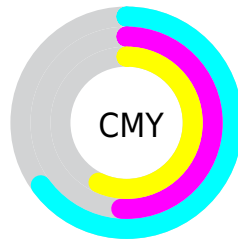


Cyan (27%)

Magenta (0%)

Yellow (12%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 90, 112, 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 90, 112, 124 by changing the saturation by 10% instead.

■ 90, 112, 124 ■ 90, 112, 124

255, 255, 255 ■ 66, 87, 99

■ 141, 165, 177 ■ 43, 63, 75

■ 168, 192, 204 ■ 20, 40, 52

■ 195, 219, 232 ■ 0, 19, 31

■ 223, 243, 255 ■ 0, 0, 0

■ 252, 254, 255

■ 90, 112, 124 ■ 90, 112, 124

■ 78, 108, 124 ■ 102, 116, 124

■ 65, 103, 124 ■ 115, 121, 124

■ 53, 99, 124

■ 127, 124, 125

■ 40, 94, 124

■ 140, 124, 131

■ 28, 90, 124

■ 152, 124, 137

■ 16, 86, 124

■ 164, 124, 142

■ 3, 81, 124

■ 177, 124, 148

■ 0, 80, 124

■ 189, 124, 154

■ 202, 124, 159

Harmonies

Analogous

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



97, 122, 114



90, 112, 124



80, 103, 125

Triad

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



90, 112, 124



109, 115, 143



143, 113, 98

Complementary

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



90, 112, 124



124, 90, 105

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.



145, 107, 111



90, 112, 124



127, 111, 137

Square

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



90, 112, 124



91, 110, 143



140, 108, 125



132, 134, 91

Rectangle

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



90, 112, 124



78, 103, 131



140, 108, 125



144, 109, 102

Sweetspot

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



90, 112, 124



148, 156, 161



90, 124, 108



73, 79, 82



209, 209, 209



82, 82, 82

Same Dimension

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



90, 112, 124



108, 142, 161



90, 107, 124



55, 59, 61



0, 81, 125



0, 163, 252

Inverse Universe

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



124, 90, 105



161, 108, 132



124, 91, 90



61, 55, 58



125, 0, 57



252, 0, 115

Previews

White Background



This preview shows how the RYB color 90, 112, 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 90, 112, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

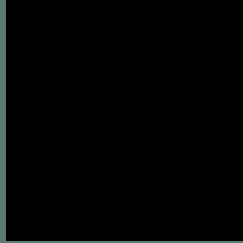
Any Text WCAG AA ✓ Pass

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](#).

R Y B 90, 112, 124 Background



This preview shows how black text looks on a background with the R Y B color 90, 112, 124.

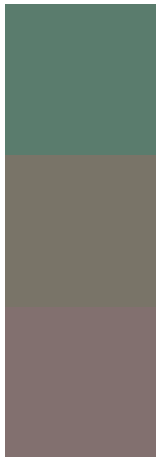


This preview shows how white text looks on a background with the R Y B color 90, 112, 124.

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
90, 112, 124

Protanopia
111, 121, 104

Deuteranopia
130, 112, 111



Tritanopia

94, 110, 131

Trichromacy



Original Color

90, 112, 124

Protanomaly

106, 119, 115

Deuteranomaly

110, 116, 111

Tritanomaly

93, 108, 123

Monochromacy



Original Color

90, 112, 124

Achromatopsia

112, 112, 112

Achromatomaly

104, 112, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 90, 112, 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(90, 124, 109)` looks like.

```
.text, #text, p{  
    color:rgb(90, 124, 109)  
}
```

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(90, 124, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 124, 109) }
```

Border

The CSS property to change the border of an element to RYB 90, 112, 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(90, 124, 109) }
```

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

```
.border{ border-color:rgb(90, 124, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 124, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 124, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 124, 109);  
box-shadow:4px 4px 4px 4px rgb(90, 124,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 90, 112, 124 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 124, 109) }
```

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

```
.background{ background-color: rgb(90, 124,  
109) }
```

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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