

Converting Colors

`RYB(114, 124, 121)`

Have a look what the booklet for
RYB(114, 124, 121) contains.

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Color

R_YB(114, 124, 121)

Conversions

Conversions Part 1

Format	Color
Hex	757C72
RGB	117, 124, 114
RGB Percent	46%, 49%, 45%
CMY	0.5412, 0.5137, 0.5529
CMYK	0.06, 0.00, 0.08, 0.51
HSL	102°, 4%, 47%
HSV	102°, 8%, 49%
XYZ	17.5810, 19.4121, 18.7399
YIQ	120.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

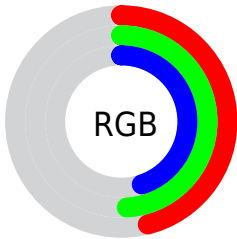
Format	Color
RYB	114, 124, 121
Decimal	7699570
CIELab	51.17, -4.62, 4.55
CIELCh	51, 6.488, 135.425
Yxy	19.4121, 0.3155, 0.3483
Android (android.graphics.Color)	4285889650 (0xFF757C72)
YUV	120.7670, -3.3361, -3.3037
Hunter-Lab	44.0592, -5.8763, 5.6234

Details

The RYB color **114, 124, 121** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **121, 114, 124**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **166, 176, 173**, and **66, 75, 72** is the 20% darker color. If you saturate the color by 10%, you get **102, 124, 118**, and if you desaturate by 10%, it is **126, 124, 126**.

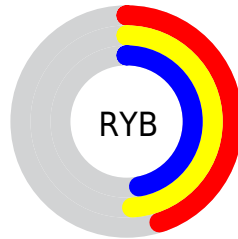
Distribution



Red (46%)

Green (49%)

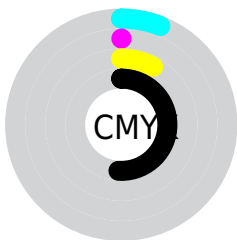
Blue (45%)



Red (45%)

Yellow (49%)

Blue (47%)

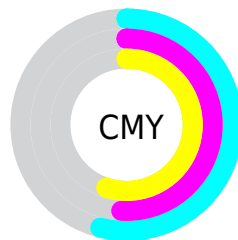


Cyan (6%)

Magenta (0%)

Yellow (8%)

Black (51%)



Cyan (54%)

Magenta (51%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 124, 121 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 114, 124, 121 by changing the saturation by 10% instead.

■ 114, 124, 121

255, 255, 255

■ 166, 176, 173

■ 193, 204, 201

■ 221, 232, 229

■ 249, 255, 251

■ 114, 124, 121

■ 102, 124, 118

■ 89, 124, 113

■ 114, 124, 121

■ 90, 99, 97

■ 66, 75, 72

■ 44, 53, 50

■ 24, 31, 29

■ 0, 8, 8

■ 0, 0, 0

■ 114, 124, 121

■ 126, 124, 126

■ 134, 124, 139

■ 77, 124, 110

■ 143, 124, 151

■ 64, 124, 106

■ 152, 124, 164

■ 52, 124, 102

■ 160, 124, 176

■ 40, 124, 99

■ 169, 124, 188

■ 27, 124, 95

■ 178, 124, 201

■ 15, 124, 91

■ 186, 124, 213

■ 2, 124, 87

■ 195, 124, 226

Harmonies

Analogous

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



112, 123, 111



114, 124, 121



111, 120, 125

Triad

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



114, 124, 121



113, 120, 132



134, 118, 119

Complementary

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



114, 124, 121



121, 114, 124

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.



132, 118, 125



114, 124, 121



120, 121, 132

Square

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



114, 124, 121



109, 118, 130



126, 120, 130



133, 121, 114

Rectangle

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



114, 124, 121



109, 118, 125



126, 120, 130



134, 118, 121

Sweetspot

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



114, 124, 121



157, 161, 160



118, 124, 114



80, 82, 82



209, 209, 209



82, 82, 82

Same Dimension

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



114, 124, 121



145, 161, 157



114, 122, 124



55, 61, 59



0, 125, 88



0, 252, 176

Inverse Universe

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



121, 114, 124



156, 145, 161



124, 114, 122



59, 55, 61



87, 0, 125



177, 0, 252

Previews

White Background



This preview shows how the RGB color 114, 124, 121 looks on a white background.

Color Contrast Check

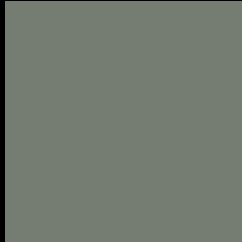
Large Text (above 18pt) WCAG AA ✓ Pass

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 114, 124, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

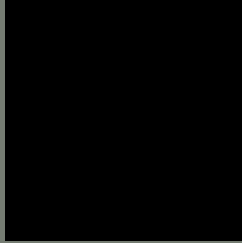
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

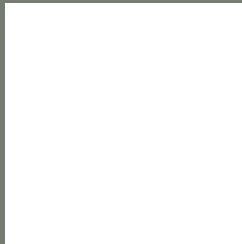
Any Text WCAG AAA × Fail

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

RYB 114, 124, 121 Background



This preview shows how black text looks on a background with the RYB color 114, 124, 121.



This preview shows how white text looks on a background with the RYB color 114, 124, 121.

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

[114](#), [124](#), [121](#)

Protanopia

[121](#), [126](#), [113](#)

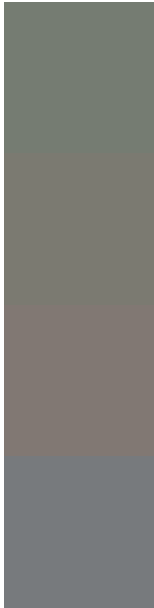
Deuteranopia

[136](#), [119](#), [115](#)



Tritanopia
120, 121, 131

Trichromacy



Original Color

114, 124, 121

Protanomaly

114, 123, 113

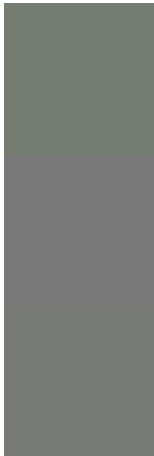
Deuteranomaly

129, 123, 115

Tritanomaly

119, 121, 125

Monochromacy



Original Color

114, 124, 121

Achromatopsia

121, 121, 121

Achromatomaly

118, 122, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 124, 121 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(117, 124, 114) looks like.

```
.text, #text, p{  
    color:rgb(117, 124, 114)  
}
```

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(117, 124, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 124, 114) }
```

Border

The CSS property to change the border of an element to RYB 114, 124, 121 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(117, 124, 114) }
```

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

```
.border{ border-color:rgb(117, 124, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 124, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 124, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 124, 114);  
box-shadow:4px 4px 4px 4px rgb(117, 124,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 114, 124, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 124, 114) }
```

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

```
.background{ background-color: rgb(117,  
124, 114) }
```

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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