

Converting Colors

`RYB(105, 124, 122)`

Have a look what the booklet for
RYB(105, 124, 122) contains.

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Color

R_YB(105, 124, 122)

Conversions

Conversions Part 1

Format	Color
Hex	6B7C69
RGB	107, 124, 105
RGB Percent	42%, 49%, 41%
CMY	0.5804, 0.5137, 0.5882
CMYK	0.14, 0.00, 0.15, 0.51
HSL	114°, 8%, 45%
HSV	114°, 15%, 49%
XYZ	15.8209, 18.5610, 16.1134
YIQ	116.7510, -4.0330, -9.5130

Conversions

Conversions Part 2

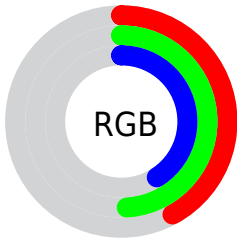
Format	Color
RYB	105, 124, 122
Decimal	7044201
CIELab	50.17, -10.17, 8.30
CIElCh	50, 13.126, 140.794
Yxy	18.5610, 0.3133, 0.3676
Android (android.graphics.Color)	4285234281 (0xFF6B7C69)
YUV	116.7510, -5.7932, -8.5516
Hunter-Lab	43.0825, -9.8452, 7.9826

Details

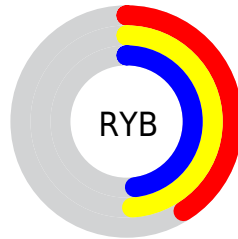
The RYB color **105, 124, 122** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122, 105, 124**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **156, 177, 175**, and **58, 75, 74** is the 20% darker color. If you saturate the color by 10%, you get **93, 124, 121**, and if you desaturate by 10%, it is **117, 124, 123**.

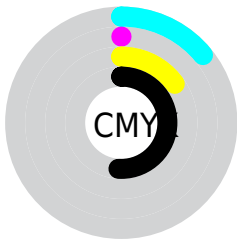
Distribution



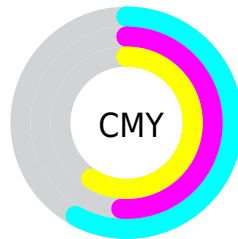
- Red (42%)
- Green (49%)
- Blue (41%)



- Red (41%)
- Yellow (49%)
- Blue (48%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (51%)



- Cyan (58%)
- Magenta (51%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 124, 122 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 105, 124, 122 by changing the saturation by 10% instead.

■ 105, 124, 122

255, 255, 255

■ 156, 177, 175

■ 183, 204, 202

■ 211, 232, 230

■ 239, 255, 252

■ 105, 124, 122

■ 81, 99, 97

■ 58, 75, 74

■ 36, 52, 50

■ 15, 31, 29

■ 0, 1, 1

■ 0, 0, 0

■ 105, 124, 122


■ 93, 124, 121

■ 80, 124, 119


■ 105, 124, 122


■ 117, 124, 123


■ 129, 124, 130


 68, 124, 118


 140, 124, 142

 55, 124, 116


 151, 124, 155

 43, 124, 115

 162, 124, 167

 31, 124, 115

 174, 124, 179

 18, 124, 113

 185, 124, 192

 6, 124, 112

 196, 124, 204

 0, 124, 111

 207, 124, 217

Harmonies

Analogous

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



98, 121, 99



105, 124, 122



96, 114, 126

Triad

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



105, 124, 122



103, 115, 141



143, 112, 112

Complementary

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



105, 124, 122



122, 105, 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.



140, 112, 123



105, 124, 122



117, 118, 140

Square

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



105, 124, 122



92, 111, 136



131, 114, 134



140, 119, 103

Rectangle

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



105, 124, 122



91, 109, 126



131, 114, 134



143, 112, 116

Sweetspot

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



105, 124, 122



153, 161, 161



107, 124, 105



77, 82, 82



209, 209, 209



82, 82, 82

Same Dimension

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



105, 124, 122



132, 161, 158



105, 119, 124



55, 61, 60



0, 125, 112



0, 252, 225

Inverse Universe

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



122, 105, 124



158, 132, 161



124, 105, 117



61, 55, 61



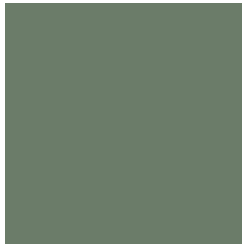
112, 0, 125



226, 0, 252

Previews

White Background



This preview shows how the RYB color 105, 124, 122 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 105, 124, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

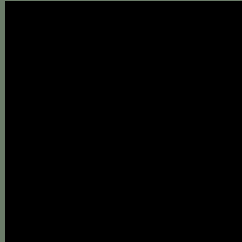
Any Text WCAG AA ✓ Pass

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](#).

RYP 105, 124, 122 Background



This preview shows how black text looks on a background with the RYB color 105, 124, 122.

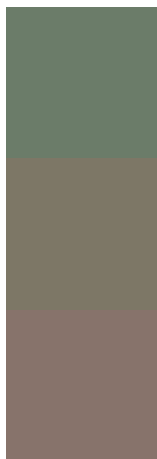


This preview shows how white text looks on a background with the RYB color 105, 124, 122.

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

[105](#), [124](#), [122](#)

Protanopia

[110](#), [125](#), [102](#)

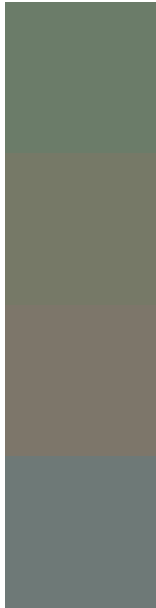
Deuteranopia

[135](#), [118](#), [107](#)



Tritanopia
111, 117, 130

Trichromacy



Original Color

105, 124, 122

Protanomaly

103, 121, 106

Deuteranomaly

117, 125, 106

Tritanomaly

110, 116, 121

Monochromacy



Original Color

105, 124, 122

Achromatopsia

117, 117, 117

Achromatomaly

113, 120, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 124, 122 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(107, 124, 105)` looks like.

```
.text, #text, p{  
    color:rgb(107, 124, 105)  
}
```

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(107, 124, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 124, 105) }
```

Border

The CSS property to change the border of an element to RYB 105, 124, 122 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(107, 124, 105) }
```

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

```
.border{ border-color:rgb(107, 124, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 124, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 124, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 124, 105);  
box-shadow:4px 4px 4px 4px rgb(107, 124,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 105, 124, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 124, 105) }
```

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

```
.background{ background-color: rgb(107,  
124, 105) }
```

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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