

Converting Colors

`RYB(107, 125, 111)`

Have a look what the booklet for
RYB(107, 125, 111) contains.

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Color

R_YB(107, 125, 111)

Conversions

Conversions Part 1

Format	Color
Hex	797D6B
RGB	121, 125, 107
RGB Percent	47%, 49%, 42%
CMY	0.5255, 0.5098, 0.5804
CMYK	0.03, 0.00, 0.14, 0.51
HSL	73°, 8%, 45%
HSV	73°, 14%, 49%
XYZ	17.8726, 19.7937, 16.7885
YIQ	121.7520, 3.3940, -6.4460

Conversions

Conversions Part 2

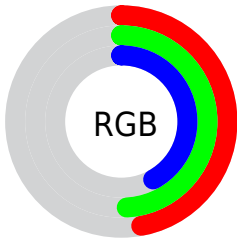
Format	Color
RYB	107, 125, 111
Decimal	7961963
CIELab	51.60, -4.94, 9.31
CIElCh	52, 10.541, 117.948
Yxy	19.7937, 0.3282, 0.3635
Android (android.graphics.Color)	4286152043 (0xFF797D6B)
YUV	121.7520, -7.2727, -0.6595
Hunter-Lab	44.4901, -6.1505, 8.7698

Details

The RYB color **107, 125, 111** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **111, 107, 125**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **158, 178, 163**, and **60, 76, 64** is the 20% darker color. If you saturate the color by 10%, you get **95, 125, 102**, and if you desaturate by 10%, it is **120, 125, 121**.

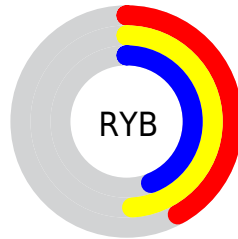
Distribution



Red (47%)

Green (49%)

Blue (42%)



Red (42%)

Yellow (49%)

Blue (44%)

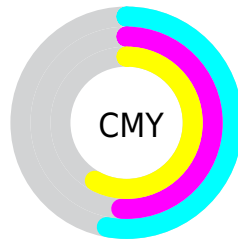


Cyan (3%)

Magenta (0%)

Yellow (14%)

Black (51%)



Cyan (53%)


Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 125, 111 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 107, 125, 111 by changing the saturation by 10% instead.

 107, 125, 111

255, 255, 255

 158, 178, 163


 185, 205, 189

 213, 233, 217

 241, 255, 241

 107, 125, 111

 83, 100, 87

 60, 76, 64


 38, 54, 42

 17, 32, 20

 0, 9, 9


 0, 0, 0

 107, 125, 111

 95, 125, 102

 82, 125, 92

 107, 125, 111

 120, 125, 121

 127, 125, 132

■ 70, 125, 82

■ 129, 125, 145

■ 57, 125, 72

■ 132, 125, 157

■ 45, 125, 63

■ 135, 125, 170

■ 32, 125, 53

■ 138, 125, 182

■ 20, 125, 43

■ 140, 125, 195

■ 7, 125, 33

■ 143, 125, 207

■ 0, 125, 28

■ 146, 125, 220

Harmonies

Analogous

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



119, 131, 105



107, 125, 111



111, 125, 127

Triad

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



107, 125, 111



103, 117, 138



141, 117, 124

Complementary

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



107, 125, 111



111, 107, 125

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.



134, 118, 133



107, 125, 111



113, 121, 141

Square

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



107, 125, 111



100, 115, 131



124, 121, 139



142, 117, 115

Rectangle

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



107, 125, 111



105, 119, 128



124, 121, 139



139, 117, 127

Sweetspot

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



107, 125, 111



157, 163, 158



125, 112, 107



78, 82, 79



209, 209, 209



82, 82, 82

Same Dimension

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



107, 125, 111



135, 163, 141



107, 125, 120



57, 64, 59



0, 128, 29



0, 0, 0

Inverse Universe

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



111, 107, 125



142, 135, 163



120, 107, 125



59, 57, 64



28, 0, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 107, 125, 111 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 107, 125, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

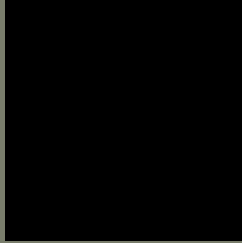
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

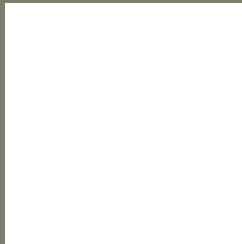
Any Text WCAG AAA × Fail

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

RYB 107, 125, 111 Background



This preview shows how black text looks on a background with the RYB color 107, 125, 111.



This preview shows how white text looks on a background with the RYB color 107, 125, 111.

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

[107](#), [125](#), [111](#)

Protanopia

[114](#), [129](#), [106](#)

Deuteranopia

[140](#), [123](#), [108](#)



Tritanopia
124, 122, 131

Trichromacy



Original Color

107, 125, 111

Protanomaly

108, 126, 106

Deuteranomaly

131, 133, 108

Tritanomaly

122, 123, 122

Monochromacy



Original Color

107, 125, 111

Achromatopsia

122, 122, 122

Achromatomaly

117, 123, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 125, 111 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(121, 125, 107) looks like.

```
.text, #text, p{  
    color:rgb(121, 125, 107)  
}
```

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(121, 125, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 125, 107) }
```

Border

The CSS property to change the border of an element to RYB 107, 125, 111 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(121, 125, 107) }
```

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

```
.border{ border-color:rgb(121, 125, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 125, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 125, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 125, 107);  
box-shadow:4px 4px 4px 4px rgb(121, 125,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 107, 125, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 125, 107) }
```

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

```
.background{ background-color: rgb(121,  
125, 107) }
```

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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