

Converting Colors

`RYB(125, 113, 109)`

Have a look what the booklet for
RYB(125, 113, 109) contains.

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Color

R_YB(125, 113, 109)

Conversions

Conversions Part 1

Format	Color
Hex	7D706D
RGB	125, 112, 109
RGB Percent	49%, 44%, 43%
CMY	0.5098, 0.5600, 0.5725
CMYK	0.00, 0.10, 0.13, 0.51
HSL	12°, 7%, 46%
HSV	12°, 13%, 49%
XYZ	17.0340, 17.0966, 16.8702
YIQ	115.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

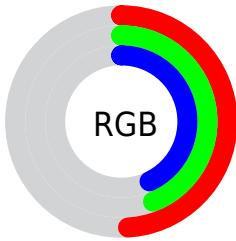
Format	Color
R_{YB}	125, 113, 109
Decimal	8220781
CIE _{Lab}	48.38, 4.39, 3.58
CIE _{LCh}	48, 5.670, 39.195
Yxy	17.0966, 0.3340, 0.3352
Android (android.graphics.Color)	4286410861 (0xFF7D706D)
YUV	115.5450, -3.2267, 8.2920
Hunter-Lab	41.3481, 1.1769, 4.7531

Details

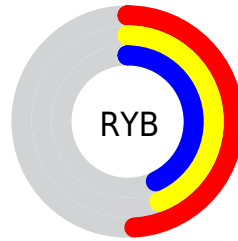
The RYB color **125, 113, 109** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109, 116, 125**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **178, 165, 160**, and **76, 64, 62** is the 20% darker color. If you saturate the color by 10%, you get **125, 103, 97**, and if you desaturate by 10%, it is **125, 122, 122**.

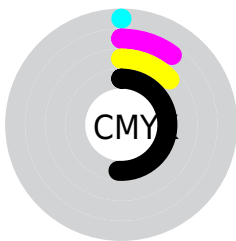
Distribution



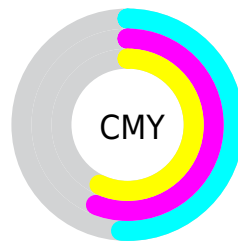
- Red (49%)
- Green (44%)
- Blue (43%)



- Red (49%)
- Yellow (44%)
- Blue (43%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 113, 109 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 125, 113, 109 by changing the saturation by 10% instead.

■ 125, 113, 109

255, 255, 255

■ 178, 165, 160

■ 205, 192, 187

■ 233, 220, 215

■ 255, 248, 244

■ 125, 113, 109

■ 100, 89, 85

■ 76, 64, 62

■ 53, 42, 40

■ 32, 23, 19

■ 0, 0, 0

■ 125, 113, 109

■ 125, 103, 97

■ 125, 94, 84

■ 125, 84, 72

■ 125, 113, 109

■ 125, 122, 122


■ 125, 129, 134

■ 125, 135, 147


 125, 75, 59

 125, 140, 159

 125, 66, 47

 125, 146, 172

 125, 56, 34

 125, 151, 184

 125, 47, 22

 125, 157, 197

 125, 38, 9

 125, 162, 209

 125, 31, 0

 125, 168, 222

Harmonies

Analogous

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



125, 112, 114



125, 113, 109



122, 118, 106

Triad

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



125, 113, 109



107, 114, 117



112, 114, 124

Complementary

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



125, 113, 109



109, 116, 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.



107, 113, 124



125, 113, 109



104, 112, 118

Square

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



125, 113, 109



107, 116, 111



104, 111, 121



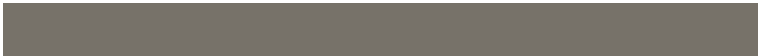
118, 113, 122

Rectangle

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



125, 113, 109



113, 119, 105



104, 111, 121



110, 114, 124

Sweetspot

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



125, 113, 109



163, 158, 157



125, 109, 122



82, 78, 78



209, 209, 209



82, 82, 82

Same Dimension

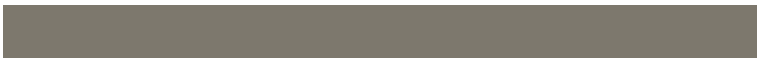
The Same Dimension uses a secret algorithm to generate beautiful new colors.



125, 113, 109



163, 145, 139



116, 125, 109



64, 60, 57



128, 33, 0



0, 0, 0

Inverse Universe

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



109, 116, 125



139, 150, 163



109, 113, 125



57, 60, 64



0, 57, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 125, 113, 109 looks on a white background.

Color Contrast Check

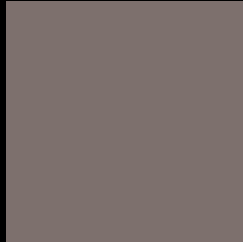
Large Text (above 18pt) WCAG AA ✓ Pass

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 125, 113, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

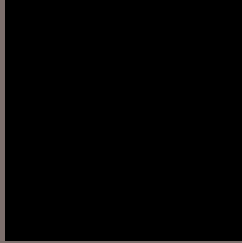
Any Text WCAG AA × Fail

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](#).

RYB 125, 113, 109 Background



This preview shows how black text looks on a background with the RYB color 125, 113, 109.



This preview shows how white text looks on a background with the RYB color 125, 113, 109.

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


125, 113, 109

Protanopia

118, 118, 110

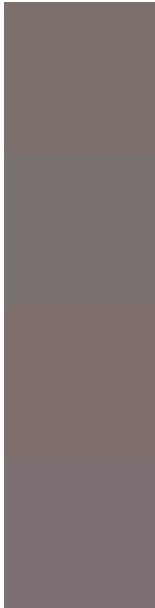
Deuteranopia

128, 111, 109



Tritanopia
126, 111, 119

Trichromacy



Original Color

125, 113, 109

Protanomaly

121, 114, 110

Deuteranomaly

127, 111, 109

Tritanomaly

126, 111, 115

Monochromacy



Original Color

125, 113, 109

Achromatopsia

116, 116, 116

Achromatomaly

119, 116, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 113, 109 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(125, 112, 109) looks like.

```
.text, #text, p{  
    color:rgb(125, 112, 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(125, 112, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 112, 109) }
```

Border

The CSS property to change the border of an element to RYB 125, 113, 109 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(125, 112, 109) }
```

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

```
.border{ border-color:rgb(125, 112, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 112, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 112, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 112, 109);  
box-shadow:4px 4px 4px 4px rgb(125, 112,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 125, 113, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 112, 109) }
```

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

```
.background{ background-color: rgb(125,  
112, 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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