

Converting Colors

`RYB(110, 101, 125)`

Have a look what the booklet for
RYB(110, 101, 125) contains.

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Color

R_YB(110, 101, 125)

Conversions

Conversions Part 1

Format	Color
Hex	6E657D
RGB	110, 101, 125
RGB Percent	43%, 40%, 49%
CMY	0.5686, 0.6039, 0.5098
CMYK	0.12, 0.19, 0.00, 0.51
HSL	262°, 11%, 44%
HSV	262°, 19%, 49%
XYZ	14.7858, 14.1030, 21.3449
YIQ	106.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

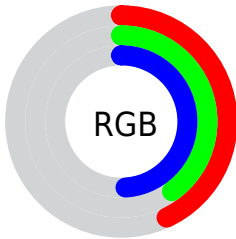
Format	Color
RYB	110, 101, 125
Decimal	7234941
CIELab	44.38, 8.65, -12.08
CIELCh	44, 14.856, 305.604
Yxy	14.1030, 0.2943, 0.2807
Android (android.graphics.Color)	4285425021 (0xFF6E657D)
YUV	106.4270, 9.1565, 3.1335
Hunter-Lab	37.5540, 4.5595, -7.4114

Details

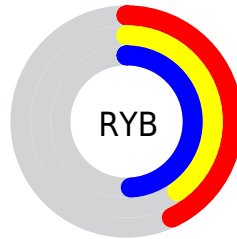
The RYB color **110, 101, 125** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **101, 125, 110**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **162, 152, 178**, and **62, 54, 76** is the 20% darker color. If you saturate the color by 10%, you get **102, 89, 125**, and if you desaturate by 10%, it is **118, 114, 125**.

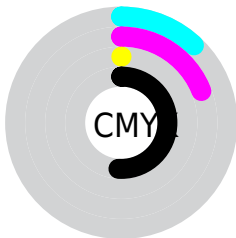
Distribution



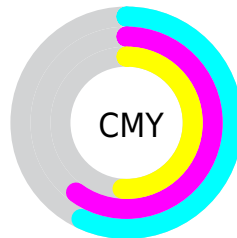
- Red (43%)
- Green (40%)
- Blue (49%)



- Red (43%)
- Yellow (40%)
- Blue (49%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (51%)



- Cyan (57%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 101, 125 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 110, 101, 125 by changing the saturation by 10% instead.

■ 110, 101, 125

255, 255, 255

■ 162, 152, 178

■ 189, 179, 205

■ 217, 206, 233

■ 245, 234, 255

■ 110, 101, 125

■ 86, 77, 100

■ 62, 54, 76

■ 40, 33, 53

■ 20, 10, 32

■ 0, 0, 6

■ 0, 0, 0

■ 110, 101, 125

■ 102, 89, 125

■ 94, 76, 125

■ 110, 101, 125

■ 118, 114, 125

■ 125, 126, 125

87, 64, 125

125, 139, 131

79, 51, 125

125, 151, 135

71, 38, 125

125, 164, 140

63, 26, 125

125, 176, 144

55, 13, 125

125, 188, 148

48, 1, 125

125, 201, 154

47, 0, 125

125, 213, 158

Harmonies

Analogous

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



94, 102, 129



110, 101, 125



123, 98, 115

Triad

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



110, 101, 125



123, 116, 83



74, 94, 112

Complementary

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



110, 101, 125



101, 125, 110

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.



84, 104, 111



110, 101, 125



89, 112, 80

Square

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



110, 101, 125



130, 98, 91



85, 109, 96



71, 93, 119

Rectangle

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



110, 101, 125



128, 96, 107



85, 109, 96



77, 97, 112

Sweetspot

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



110, 101, 125



157, 153, 163



101, 110, 125



78, 76, 82



209, 209, 209



82, 82, 82

Same Dimension

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



110, 101, 125



140, 126, 163



122, 101, 125



60, 57, 64



48, 0, 128



0, 0, 0

Inverse Universe

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



125, 101, 116



163, 126, 149



101, 125, 122



64, 57, 61



128, 0, 80



0, 0, 0

Previews

White Background



This preview shows how the RYB color 110, 101, 125 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 110, 101, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

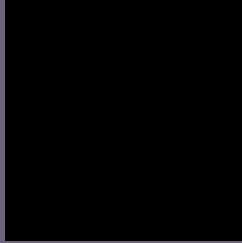
Any Text WCAG AA × Fail

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 110, 101, 125 Background



This preview shows how black text looks on a background with the RYB color 110, 101, 125.



This preview shows how white text looks on a background with the RYB color 110, 101, 125.

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


110, 101, 125

Protanopia

100, 103, 127

Deuteranopia

106, 103, 125



Tritanopia
108, 103, 112

Trichromacy



Original Color

110, 101, 125

Protanomaly

104, 103, 126

Deuteranomaly

107, 102, 125

Tritanomaly

109, 102, 117

Monochromacy



Original Color

110, 101, 125

Achromatopsia

106, 106, 106

Achromatomaly

107, 104, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 101, 125 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(110, 101, 125) looks like.

```
.text, #text, p{  
    color:rgb(110, 101, 125)  
}
```

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(110, 101, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 101, 125) }
```

Border

The CSS property to change the border of an element to RYB 110, 101, 125 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(110, 101, 125) }
```

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

```
.border{ border-color:rgb(110, 101, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 101, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 101, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 101, 125);  
box-shadow:4px 4px 4px 4px rgb(110, 101,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 110, 101, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 101, 125) }
```

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

```
.background{ background-color: rgb(110,  
101, 125) }
```

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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