

Converting Colors

`RYB(110, 62, 108)`

Have a look what the booklet for
RYB(110, 62, 108) contains.

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Color

R_YB(110, 62, 108)

Conversions

Conversions Part 1

Format	Color
Hex	6E3E6C
RGB	110, 62, 108
RGB Percent	43%, 24%, 42%
CMY	0.5686, 0.7569, 0.5765
CMYK	0.00, 0.44, 0.02, 0.57
HSL	302°, 28%, 34%
HSV	302°, 44%, 43%
XYZ	10.8598, 7.8430, 15.1288
YIQ	81.5960, 13.8420, 24.4820

Conversions

Conversions Part 2

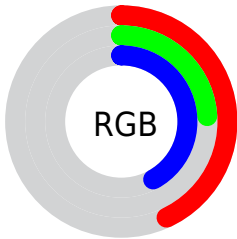
Format	Color
R_{YB}	110, 62, 108
Decimal	7224940
CIE _{Lab}	33.65, 28.60, -17.98
CIE _{LCh}	34, 33.780, 327.844
Yxy	7.8430, 0.3210, 0.2318
Android (android.graphics.Color)	4285415020 (0xFF6E3E6C)
YUV	81.5960, 13.0172, 24.9103
Hunter-Lab	28.0053, 20.2090, -12.4256

Details

The RYB color **110, 62, 108** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **62, 108, 110**, and the grayscale version is **81, 81, 81**.

A 20% lighter version of the original color is **163, 111, 160**, and **61, 16, 60** is the 20% darker color. If you saturate the color by 10%, you get **110, 51, 108**, and if you desaturate by 10%, it is **110, 73, 108**.

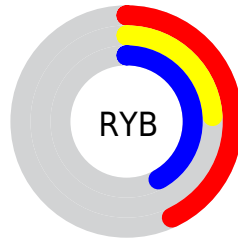
Distribution



Red (43%)

Green (24%)

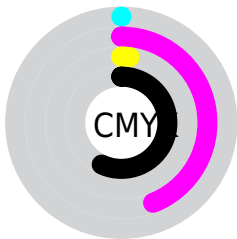
Blue (42%)



Red (43%)

Yellow (24%)

Blue (42%)

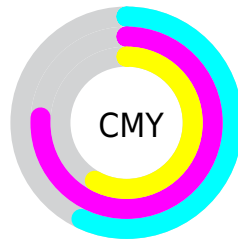


Cyan (0%)

Magenta (44%)

Yellow (2%)

Black (57%)



Cyan (57%)


Magenta (76%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the RYB color 110, 62, 108 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, 62, 108 by changing the saturation by 10% instead.


 110, 62, 108


 110, 62, 108

255, 255, 255

 85, 39, 84

 163, 111, 160

 61, 16, 60

 190, 137, 187

 39, 0, 39

 218, 163, 214

 0, 0, 16

 247, 191, 243

 0, 0, 0

 255, 219, 255

 255, 247, 255

 110, 62, 108

 110, 62, 108

 110, 51, 108

 110, 73, 108

■ 110, 40, 107

■ 110, 84, 109

■ 110, 29, 107

■ 110, 95, 109

■ 110, 18, 106

■ 110, 106, 110

■ 110, 7, 106

■ 110, 117, 117

■ 110, 0, 105

■ 110, 127, 128

■ 110, 138, 139

■ 110, 148, 150

■ 110, 159, 161

Harmonies

Analogous

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



77, 73, 127



110, 62, 108



126, 55, 82

Triad

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



110, 62, 108



48, 96, 22



0, 49, 103

Complementary

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



110, 62, 108



62, 108, 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.



0, 50, 92



110, 62, 108



29, 85, 45

Square

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



110, 62, 108



116, 89, 34



33, 78, 90



0, 52, 124

Rectangle

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



110, 62, 108



129, 56, 64



33, 78, 90



0, 47, 95

Sweetspot

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



110, 62, 108



143, 124, 142



64, 62, 110



71, 60, 71



199, 199, 199



71, 71, 71

Same Dimension

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



110, 62, 108



143, 69, 140



110, 62, 84



56, 50, 56



120, 0, 115



247, 0, 237

Inverse Universe

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



110, 62, 108



143, 69, 140



62, 93, 110



56, 50, 56



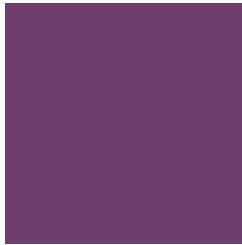
120, 0, 115



247, 0, 237

Previews

White Background



This preview shows how the RYB color 110, 62, 108 looks on a white background.

Color Contrast Check

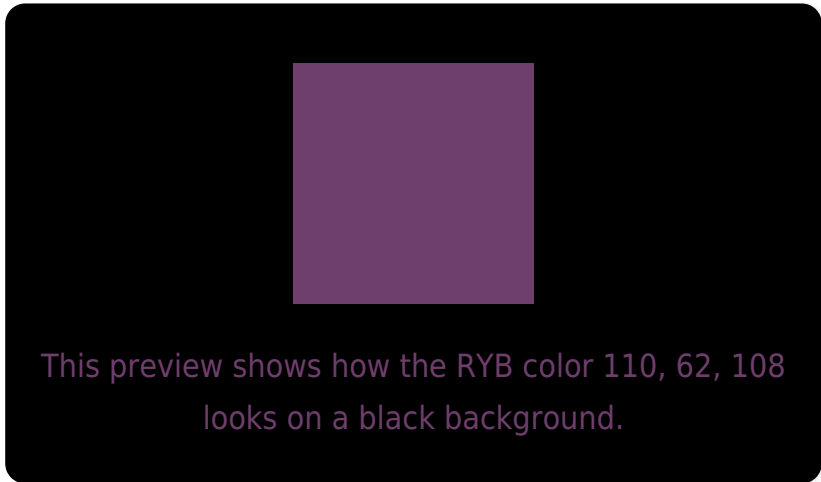
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

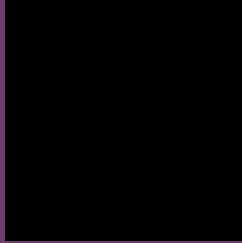
Any Text WCAG AA × Fail

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, 62, 108 Background



This preview shows how black text looks on a background with the RYB color 110, 62, 108.



This preview shows how white text looks on a background with the RYB color 110, 62, 108.

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, 62, 108

Protanopia
65, 76, 121

Deuteranopia
73, 77, 105



Tritanopia
106, 69, 75

Trichromacy



Original Color

110, 62, 108

Protanomaly

81, 72, 116

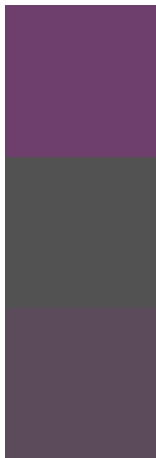
Deuteranomaly

86, 72, 106

Tritanomaly

107, 66, 87

Monochromacy



Original Color

110, 62, 108

Achromatopsia

82, 82, 82

Achromatomaly

92, 75, 91

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 62, 108 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, 62, 108) looks like.

```
.text, #text, p{  
    color:rgb(110, 62, 108)  
}
```

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, 62, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 62, 108) }
```

Border

The CSS property to change the border of an element to RYB 110, 62, 108 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, 62, 108) }
```

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

```
.border{ border-color:rgb(110, 62, 108) }
```

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

Here you see how a box with a 4 pixel rgb(110, 62, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 62, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 62, 108);  
box-shadow:4px 4px 4px 4px rgb(110, 62,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 110, 62, 108 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 62, 108) }
```

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

```
.background{ background-color: rgb(110, 62,  
108) }
```

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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